



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

## EVO-STIK WHITE SPIRITS

Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019

Revision Number 1

## 1. Identification

### 1.1. Product Identifier

Product Name	EVO-STIK WHITE SPIRITS
Pure substance/mixture	Substance
EC No.	919-446-0
CAS No.	64742-82-1
REACH Registration Number	01-2119458049-33-xxxx
Chemical name	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
Synonyms	Naphtha (petroleum), hydrodesulfurized heavy

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Solvent mixture.
Uses advised against	None known

### 1.3. Details of the supplier of the safety data sheet

#### Company Name

Bostik Industries Limited  
Newtown, Swords  
Co. Dublin Ireland  
Tel: +353 (1) 8624900  
Fax: +353 (1) 8402186

E-mail address	SDS.box-EU@bostik.com
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### 1.4. Emergency telephone number

United Kingdom	+44 (1785) 272650
Ireland	+353 (1) 8624900 (Monday- Friday 9am-5pm)

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration hazard	Category 1 - (H304)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 3 - (H226)

### 2.2. Label Elements

919-446-0

Contains: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

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**Signal word**  
Danger

## Hazard statements

H304 - May be fatal if swallowed and enters airways  
H336 - May cause drowsiness or dizziness  
H372 - Causes damage to organs through prolonged or repeated exposure  
H411 - Toxic to aquatic life with long lasting effects  
H226 - Flammable liquid and vapor

## Precautionary statements

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P260 - Do not breathe mist/vapors/spray  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P331 - Do NOT induce vomiting  
P391 - Collect spillage  
P405 - Store locked up  
P403 + P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

This product requires tactile warnings if supplied to the general public. This product requires child resistant fastenings if supplied to the general public. This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment.

## 2.3. Other Hazards

In use may form flammable/explosive vapor-air mixture

## PBT and vPvB assessment

## 3. Composition/information on ingredients

### 3.1 Substances

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics	919-446-0	64742-82-1	80 - 100	Flam. Liq. 3 (H226) STOT SE 3		01-2119458049-33-XXXX

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(2-25%)				(H336) STOT RE 1 (H372) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) (EUH066)		
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**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 4. First-aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Get immediate medical advice/attention. Do NOT induce vomiting. Clean mouth with water. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.
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## 5. Fire-fighting measures

### 5.1. Extinguishing media

- |                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.           |
| <b>Unsuitable extinguishing media</b> | Do not use straight streams. CAUTION: Use of water spray when fighting fire may be inefficient. |

### 5.2. Special hazards arising from the substance or mixture

- |   |   |
|---|---|
| <b>Specific hazards arising from the chemical</b> | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| <b>Hazardous combustion products</b>              | Carbon oxides.  |

### 5.3. Advice for firefighters

- |   |  |
|---|--|
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|---|--|

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- |                                 |  |
|---------------------------------|--|
| <b>Personal precautions</b>     | Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. |
| <b>Other information</b>        | Ventilate the area. Refer to protective measures listed in Sections 7 and 8.   |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.  |

### 6.2. Environmental precautions

- |                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow to enter into soil/subsoil. |
|----------------------------------|--|

### 6.3. Methods and material for containment and cleaning up

- |  |  |
|--|--|
| <b>Methods for containment</b>         | Dike far ahead of spill; use dry sand to contain the flow of material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.  |
| <b>Methods for cleaning up</b>         | Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take up mechanically, placing in appropriate containers for disposal. Use clean non-sparking tools to collect absorbed material. |
| <b>Prevention of secondary hazards</b> | Eliminate all ignition sources if safe to do so.   |

### 6.4. Reference to other sections

- |                                    |  |
|------------------------------------|--|
| <b>Reference to other sections</b> | See section 8 for more information. See section 13 for more information. |
|------------------------------------|--|

## 7. Handling and storage

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## 7.1. Precautions for safe handling

### Advice on safe handling

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment.

### General hygiene considerations

Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

## 7.2. Conditions for safe storage, including any incompatibilities

### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

## 7.3. Specific end use(s)

### Specific Use(s)

Solvent mixture.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## **8. Exposure controls/personal protection**

### 8.1. Control parameters

#### Exposure Limits

**Derived No Effect Level (DNEL)** No information available

Derived No Effect Level (DNEL)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (64742-82-1)	
Type	worker Long term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	330 mg/m <sup>3</sup>
Type	worker Short term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	570 mg/m <sup>3</sup>
Type	worker Long term Systemic health effects
Exposure route	Dermal
Derived No Effect Level (DNEL)	21 mg/kg bw/day

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Derived No Effect Level (DNEL)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (64742-82-1)	
Type	Consumer Long term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	71 mg/m <sup>3</sup>

Type	Consumer Short term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	570 mg/m <sup>3</sup>

Type	Consumer Long term Systemic health effects
Exposure route	Dermal
Derived No Effect Level (DNEL)	12 mg/kg bw/day

Type	Consumer Long term Systemic health effects
Exposure route	Oral
Derived No Effect Level (DNEL)	21 mg/kg bw/day

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas. Ensure that enough fresh air is supplied to dilute and remove dusts, fumes or vapors. Between 5 and 15 air changes per hour are recommended, with a through draught. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. Use explosion-proof ventilating equipment.
<b>Personal Protective Equipment</b>	
<b>Eye/face protection</b>	Tight sealing safety goggles.
<b>Hand protection</b>	Wear protective gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves must conform to standard EN 374 Break through time >480 minutes
<b>Skin and body protection</b>	Antistatic footwear. Wear fire/flammable resistant/retardant clothing.
<b>Respiratory protection</b>	In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Recommended filter type:</b>	Organic gases and vapors filter conforming to EN 14387.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	Aromatic Petroleum distillates
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	Not applicable
Melting point / freezing point	No data available	
Boiling point / boiling range	= 135 - 200 °C	

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Flash point	39 °C	
Evaporation rate	65	
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air		
Upper flammability or explosive limits	7	
Lower flammability or explosive limits	0.7	
Vapor pressure	0.23	kPa
Vapor density	No data available	
Relative density	0.775 - 0.795	
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	230 °C	
Decomposition temperature	No data available	Not applicable
Kinematic viscosity	0.95 mm <sup>2</sup> /s	@ 40°C
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidizing properties	No data available	

## 9.2. Other information

Solid content (%)	No information available
Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

## **10. Stability and reactivity**

### 10.1. Reactivity

Reactivity	No information available.
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### 10.2. Chemical stability

Stability	Stable under normal conditions.
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#### Explosion Data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.
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### 10.4. Conditions to avoid

Conditions to avoid	Heat, flames and sparks.
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### 10.5. Incompatible materials

Incompatible materials	None known based on information supplied.
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### 10.6. Hazardous decomposition products

Hazardous decomposition	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
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products

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

##### Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation.
Skin contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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#### Numerical measures of toxicity

##### Acute Toxicity

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 64742-82-1	LD50 > 15000 mg/kg (Rattus) OECD 401	LD50 > 3300 mg/kg (Rattus)	

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

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**Carcinogenicity** Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** May cause drowsiness or dizziness.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 12. Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea	M-Factor
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 64742-82-1	EL50(72h) = 4.1 mg/L (Pseudokirchneriella subcapitata) OECD 201	LL50 (96h) 10-30 mg/L (Oncorhynchus mykiss) OECD 203	-	EL50 (48h) 10-22 mg/L (Daphnia magna) OECD 201	-

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

### 12.4. Mobility in soil

**Mobility in soil** Not expected to adsorb on soil.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** .

Chemical name	PBT and vPvB assessment
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 64742-82-1	The substance is not PBT / vPvB

### 12.6. Other adverse effects

**Other adverse effects** No information available.

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
European Waste Catalog	08 01 11*
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

## 14. Transportation information

### Land transport (ADR/RID)

14.1 UN Number	UN1300
14.2 Proper Shipping Name	Turpentine substitute, Environmentally Hazardous
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing Group	III
Description	UN1300, Turpentine substitute, 3, III, (D/E), Environmentally Hazardous
14.5 Environmental hazards	Yes
14.6 Special Provisions	None
Classification Code	F1
Tunnel Restriction Code	(D/E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	30

### IMDG

14.1 UN number	UN1300
14.2 Proper Shipping Name	Turpentine substitute, Marine Pollutant
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1300, Turpentine substitute, 3, III, (39°C c.c.), Marine Pollutant
14.5 Marine Pollutant	P
This material meets the definition of a marine pollutant	
14.6 Special Provisions	223
Limited Quantity (LQ)	5 L
EmS-No.	F-E, S-E
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number	UN1300
14.2 Proper Shipping Name	Turpentine substitute
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1300, Turpentine substitute, 3, III
14.5 Environmental hazards	Yes
14.6 Special Provisions	A3
Limited Quantity (LQ)	10 L
ERG Code	3L

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## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### **SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

##### **Substance subject to authorization per REACH Annex XIV**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

##### **Dangerous substance category per Seveso Directive (2012/18/EU)**

P5a - FLAMMABLE LIQUIDS  
P5b - FLAMMABLE LIQUIDS  
P5c - FLAMMABLE LIQUIDS  
E2 - Hazardous to the Aquatic Environment in Category Chronic 2

##### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

##### **Persistent Organic Pollutants**

Not applicable

#### National Regulations

### 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at  $>10$  tpa. No Chemical Safety Assessment has been carried out for this mixture

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

### Full text of H-Statements referred to under section 3

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EUH066 - Repeated exposure may cause skin dryness or cracking  
H226 - Flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H336 - May cause drowsiness or dizziness  
H372 - Causes damage to organs through prolonged or repeated exposure  
H411 - Toxic to aquatic life with long lasting effects

## Legend

SVHC: Substances of Very High Concern for Authorization:

## Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals		
STOT RE	Specific target organ toxicity - Repeated exposure		
STOT SE	Specific target organ toxicity - Single exposure		
EWC:	European Waste Catalog		

## Key Literature References and Sources for Data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 17-Apr-2016

## Indication of changes

**Revision note** SDS sections updated, 1, 3, 11.

**Training Advice** Provide adequate information, instruction, and training for operator

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

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## Annex to the extended Safety Data Sheet (eSDS)

Consumer

### Identification of the substance or mixture

Product definition : JVCB  
Code : 82549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Lubricants - Consumer: High Environmental Release  
List of use descriptors : **Identified use name:** Use in Lubricants. Consumer: high Environmental Release Category  
**Sector of end use:** SU21  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOV SpERC 8.6e.v1  
**Market sector by type of chemical product:** PC01, PC21, PC31  
Environmental contributing scenarios : Use in Lubricants.  
Health Contributing scenarios : Use in Lubricants.

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in Lubricants.

Contributing scenario controlling consumer exposure for 1: Use in Lubricants.  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in Lubricants.

Exposure assessment (environment): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Consumers: 0: Use in Lubricants.

Exposure assessment (human): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : ECETOC TRA consumer V3

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

Environment : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented.  
- Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.  
Health : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. - Further details on scaling and control technologies are provided in SPERC factsheet.

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## Annex to the extended Safety Data Sheet (eSDS)

Consumer

### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Agrochemical - Consumer

List of use descriptors : **Identified use name:** Use in agrochemicals - Consumer  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU21  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.11b.v1  
**Market sector by type of chemical product:** PC12, PC27

Environmental contributing scenarios : Use in agrochemicals

Health Contributing scenarios : Use in agrochemicals

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in agrochemicals

Contributing scenario controlling consumer exposure for 1: Use in agrochemicals  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not available.

Exposure estimation and reference to its source - Environment: 1: Use in agrochemicals

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Consumers: 0: Use in agrochemicals

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : ECETOC TRA consumer V3

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

Environment : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. - Further details on scaling and control technologies are provided in SPERC factsheet.

Health : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. - Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

**EVO-STIK WHITE SPIRITS**

**Supersedes Date:** 17-Apr-2016

**Revision date** 23-Aug-2019

**Revision Number** 1

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

Consumer

### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Cleaning Agent - Consumer

List of use descriptors : **Identified use name:** Use in cleaning agents - Consumer  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU21  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.4c.v1  
**Market sector by type of chemical product:** PC03, PC04, PC08, PC09a, PC09b, PC09c, PC24, PC35, PC38

Environmental contributing scenarios : Use in cleaning agents

Health Contributing scenarios : Use in cleaning agents

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in cleaning agents

Contributing scenario controlling consumer exposure for 1: Use in cleaning agents  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not available.

Exposure estimation and reference to its source - Environment: 1: Use in cleaning agents

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrisk)

Exposure estimation and reference to its source - Consumers: 0: Use in cleaning agents

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : ECETOC TRA consumer V3

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

Environment : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. - Further details on scaling and control technologies are provided in SPERC factsheet.

Health : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. - Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

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Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

Consumer

### Identification of the substance or mixture

Product definition : UVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as a Fuel - Consumer

List of use descriptors : **Identified use name:** Use in fuel - Consumer  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU21  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC09a, ERC09b, ESVOC SpERC 9.12c.v1  
**Market sector by type of chemical product:** PC13

Environmental contributing scenarios : Use in fuel

Health Contributing scenarios : Use in fuel

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in fuel

Contributing scenario controlling consumer exposure for 1: Use in fuel  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not available.

#### Exposure estimation and reference to its source - Environment: 1: Use in fuel

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Consumers: 0: Use in fuel

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : ECETOC TRA consumer V3

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

Environment : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. - Further details on scaling and control technologies are provided in SPERC factsheet.

Health : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. - Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

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## Annex to the extended Safety Data Sheet (eSDS)

Consumer

### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as Functional Fluids - Consumer

List of use descriptors : **Identified use name:** Use as functional fluids - Consumer  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU21  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC09a, ERC09b, ESVOC SpERC 9.13c  
**Market sector by type of chemical product:** PC16, PC17

Environmental contributing scenarios : Use as functional fluids

Health Contributing scenarios : Use as functional fluids

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use as functional fluids

Contributing scenario controlling consumer exposure for 1: Use as functional fluids  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not available.

Exposure estimation and reference to its source - Environment: 1: Use as functional fluids

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorsk)

Exposure estimation and reference to its source - Consumers: 0: Use as functional fluids

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : ECETOC TRA consumer V3

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

Environment : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. - Further details on scaling and control technologies are provided in SPERC factsheet.

Health : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. - Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Cleaning Agents - Professional

List of use descriptors : **Identified use name:** Use in cleaning agents - Professional  
**Process Category:** PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC10, PROC11, PROC13  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.4b.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in cleaning agents

Health Contributing scenarios : Use in cleaning agents

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in cleaning agents

Contributing scenario controlling worker exposure for 0: Use in cleaning agents  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

#### Exposure estimation and reference to its source - Environment: 1: Use in cleaning agents

Exposure assessment (environment): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Workers: 0: Use in cleaning agents

Exposure assessment (human): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## WHITE SPIRIT

## [919-446-0] Use in Cleaning Agents - Professional

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Available hazard data do not enable the derivation of a DNEL for dermal irritant effects. Risk management measures are based on qualitative risk characterisation. Available hazard data do not support the need for a DNEL to be established for other health effects. Users are advised to consider national Occupational Exposure Limits or other equivalent values. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Uses in Cleaning Agent - Industrial

List of use descriptors : **Identified use name:** Use in cleaning agents - Industrial  
**Process Category:** PROC02, PROC03, PROC04, PROC07, PROC08a, PROC08b, PROC10, PROC13  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC04, ESVOC SpERC 4.4a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in cleaning agents

Health Contributing scenarios : Use in cleaning agents

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in cleaning agents

Contributing scenario controlling worker exposure for 0: Use in cleaning agents  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in cleaning agents

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in cleaning agents

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

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## **WHITE SPIRIT**

## **[919-446-0] Uses in Cleaning Agent - Industrial**

- |                    |   |
|--------------------|---|
| <b>Environment</b> | : Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet. |
| <b>Health</b>      | : Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.  |

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Lubricant - Professional: Low environmental Release

List of use descriptors : **Identified use name:** Use in Lubricants.-Professional: low Environmental Release Category  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC09, PROC10, PROC11, PROC13, PROC17, PROC18, PROC20  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC09a, ERC09b, ESVOV SpERC 9.6b.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in Lubricants.

Health Contributing scenarios : Use in Lubricants.

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in Lubricants.

Contributing scenario controlling worker exposure for 0: Use in Lubricants.  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in Lubricants.

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorsk)

Exposure estimation and reference to its source - Workers: 0: Use in Lubricants.

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

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## **WHITE SPIRIT**

**[919-446-0] Use in Lubricant - Professional: Low  
environmental Release**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : LVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Lubricant - Professional: High environmental Release  
List of use descriptors : **Identified use name:** Use in Lubricants.-Industrial: high Environmental Release Category  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC09, PROC10, PROC11, PROC13, PROC17, PROC18, PROC20  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.6c.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.  
Environmental contributing scenarios : Use in Lubricants.  
Health Contributing scenarios : Use in Lubricants.

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in Lubricants.

Contributing scenario controlling worker exposure for 0: Use in Lubricants.  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in Lubricants.

Exposure assessment (environment): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in Lubricants.

Exposure assessment (human): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

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## WHITE SPIRIT

**[919-446-0] Use in Lubricant - Professional: High  
environmental Release**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
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Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Lubricants - Industrial

List of use descriptors : **Identified use name:** Use in Lubricants. - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC07, PROC08a, PROC08b, PROC09, PROC10, PROC13, PROC17, PROC18  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC04, ERC07, ESVOC SpERC 4.6a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in Lubricants.

Health Contributing scenarios : Use in Lubricants.

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in Lubricants.

Contributing scenario controlling worker exposure for 0: Use in Lubricants.  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in Lubricants.

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in Lubricants.

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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EVO-STIK WHITE SPIRITS  
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## WHITE SPIRIT

## [919-446-0] Use in Lubricants - Industrial

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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### Identification of the substance or mixture

Product definition : ☒ VCB  
Code : ☒ 82549UK  
Product name : ☒ WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Metal Working Fluids/Rolling Oilst - Industrial

List of use descriptors : **Identified use name:** Use in Use in metal working fluids/rolling oils - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC05, PROC07, PROC08a, PROC08b, PROC09, PROC10, PROC13, PROC17  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC04, ESVOC SpERC 4.7a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in metal working fluids/rolling oils

Health Contributing scenarios : Use in metal working fluids/rolling oils

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in metal working fluids/rolling oils

Contributing scenario controlling worker exposure for 0: Use in metal working fluids/rolling oils  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

**Exposure estimation and reference to its source - Environment: 1: Use in metal working fluids/rolling oils**

Exposure assessment (environment): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : Hydrocarbon Block Method (Petrorisk)

**Exposure estimation and reference to its source - Workers: 0: Use in metal working fluids/rolling oils**

Exposure assessment (human): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS

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## **WHITE SPIRIT**

**[919-446-0] Use in Metal Working Fluids/Rolling Oilst - Industrial**

### **Environment**

: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.

### **Health**

: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : ☒ VCB  
Code : 32549UK  
Product name : ☒ WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Metal Working Fluids/Rolling Oilst - Professional

List of use descriptors : **Identified use name:** Use in Use in metal working fluids/rolling oils - Professional  
**Process Category:** PROC01, PROC02, PROC03, PROC08b, PROC09, PROC10, PROC11, PROC13, PROC17  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC09a, ESVOC SpERC 8.7c.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in metal working fluids/rolling oils

Health Contributing scenarios : Use in metal working fluids/rolling oils

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in metal working fluids/rolling oils

Contributing scenario controlling worker exposure for 0: Use in metal working fluids/rolling oils  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

Exposure estimation and reference to its source - Environment: 1: Use in metal working fluids/rolling oils

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in metal working fluids/rolling oils

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## WHITE SPIRIT

**[919-446-0] Use in Metal Working Fluids/Rolling Oilst - Professional**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Agrochemicals - Professional

List of use descriptors : **Identified use name:** Use in agrochemicals - Professional  
**Process Category:** PROC01, PROC02, PROC04, PROC08a, PROC08b, PROC11, PROC13  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.11a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in agrochemicals

Health Contributing scenarios : Use in agrochemicals

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in agrochemicals

Contributing scenario controlling worker exposure for 0: Use in agrochemicals  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in agrochemicals

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in agrochemicals

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## WHITE SPIRIT

## [919-446-0] Use in Agrochemicals - Professional

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

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Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as a Fuel - Industrial

List of use descriptors : **Identified use name:** Use in fuel - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC08a, PROC08b, PROC16  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC07, ESVOC SpERC 7.12a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in fuel

Health Contributing scenarios : Use in fuel

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in fuel

Contributing scenario controlling worker exposure for 0: Use in fuel  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

**Exposure estimation and reference to its source - Environment: 1: Use in fuel**

Exposure assessment (environment): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : Hydrocarbon Block Method (Petrorisk)

**Exposure estimation and reference to its source - Workers: 0: Use in fuel**

Exposure assessment (human): : Not available.

**EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE** : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
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<b>WHITE SPIRIT</b>		<b>[919-446-0] Use as a Fuel - Industrial</b>
<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.	
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.	

# SAFETY DATA SHEET

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Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as a Fuel - Professional

List of use descriptors : **Identified use name:** Use in fuel - Professional  
**Process Category:** PROC01, PROC02, PROC03, PROC08a, PROC08b, PROC16  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU03, SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC09a, ERC09b, ESVOC SpERC 9.12b.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in fuel

Health Contributing scenarios : Use in fuel

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in fuel

Contributing scenario controlling worker exposure for 0: Use in fuel  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

#### Exposure estimation and reference to its source - Environment: 1: Use in fuel

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Workers: 0: Use in fuel

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

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## Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

<b>WHITE SPIRIT</b>		<b>[919-446-0] Use as a Fuel - Professional</b>
<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.	
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.	

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### Identification of the substance or mixture

Product definition : VCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as Functional Fluids - Industrial

List of use descriptors : **Identified use name:** Use as functional fluids - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC09  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC07, ESVOC SpERC 7.13a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use as functional fluids

Health Contributing scenarios : Use as functional fluids

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use as functional fluids

Contributing scenario controlling worker exposure for 0: Use as functional fluids  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use as functional fluids

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrisk)

Exposure estimation and reference to its source - Workers: 0: Use as functional fluids

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## WHITE SPIRIT

## [919-446-0] Use as Functional Fluids - Industrial

### Environment

: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.

### Health

: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : VCB  
Code : 82549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Distribution of the Substance - Industrial

List of use descriptors : **Identified use name:** Distribution of substance - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC09, PROC15  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC01, ERC02, ESVOC SpERC 1.1b.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Distribution of substance

Health Contributing scenarios : Distribution of substance

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Distribution of substance

Contributing scenario controlling worker exposure for 0: Distribution of substance  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Distribution of substance

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Distribution of substance

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
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## **WHITE SPIRIT**

## **[919-446-0] Distribution of the Substance - Industrial**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : UVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Manufacture of Substance - Industrial

List of use descriptors : **Identified use name:** Manufacture of substance -Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC15  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC01, ERC04, ESVOC SpERC 1.1.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : **Manufacture of substance**

Health Contributing scenarios : **Manufacture of substance**

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Manufacture of substance

Contributing scenario controlling worker exposure for 0: Manufacture of substance  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website : Further information on the assumptions contained in this exposure scenario can be found at  
<http://www.esig.org/>

#### Exposure estimation and reference to its source - Environment: 1: Manufacture of substance

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrisk)

#### Exposure estimation and reference to its source - Workers: 0: Manufacture of substance

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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## **WHITE SPIRIT**

**[919-446-0] Manufacture of Substance - Industrial**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet. Scaled local assessments for EU refineries have been performed using site-specific data and are attached in PETRORISK file - "Site-Specific Production" worksheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Formulation and (re)packing of substances and mixtures - Industrial scenario

List of use descriptors : **Identified use name:** Formulation and (re)packing of substances and mixtures - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC05, PROC08a, PROC08b, PROC09, PROC14, PROC15  
**Sector of end use:** SU03, SU10  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC02, ESVOC SpERC 2.2.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Formulation and (re)packing of substances and mixtures

Health Contributing scenarios : Formulation and (re)packing of substances and mixtures

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Formulation and (re)packing of substances and mixtures

Contributing scenario controlling worker exposure for 0: Formulation and (re)packing of substances and mixtures

Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Formulation and (re)packing of substances and mixtures

Exposure assessment (environment): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Formulation and (re)packing of substances and mixtures

Exposure assessment (human): : Not available.  
EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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## WHITE SPIRIT

## [919-446-0] Formulation and (re)packing of substances and mixtures - Industrial

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Uso como combustible - Industrial

List of use descriptors : **Identified use name:** Manufacture of substance -Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC15  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC01, ERC04, ESVOC SpERC 1.1.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in fuel

Health Contributing scenarios : Use in fuel

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in fuel

Contributing scenario controlling worker exposure for 0: Use in fuel  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Further information on the assumptions contained in this exposure scenario can be found at <http://www.esig.org/>

#### Exposure estimation and reference to its source - Environment: 1: Use in fuel

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Workers: 0: Use in fuel

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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## WHITE SPIRIT

[919-446-0] *Usa como combustibile - Industrial*

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet. Scaled local assessments for EU refineries have been performed using site-specific data and are attached in PETRORISK file - "Site-Specific Production" worksheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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### Identification of the substance or mixture

Product definition : JVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Uses in Coatings - Industrial

List of use descriptors : **Identified use name:** Use in coatings - Industrial  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC05, PROC07, PROC08a, PROC08b, PROC09, PROC10, PROC13, PROC15  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC04, ESVOC SpERC 4.3a.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in coatings

Health Contributing scenarios : Use in coatings

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in coatings

Contributing scenario controlling worker exposure for 0: Use in coatings  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

#### Exposure estimation and reference to its source - Environment: 1: Use in coatings

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Workers: 0: Use in coatings

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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## WHITE SPIRIT

## [919-446-0] Uses in Coatings - Industrial

### Environment

: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.

### Health

: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

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## Identification of the substance or mixture

Product definition : **UVCB**  
Code : **32549UK**  
Product name : **WHITE SPIRIT**

## Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use as Functional Fluids - Professional  
List of use descriptors : **Identified use name:** Use as functional fluids - Professional  
**Process Category:** PROC01, PROC02, PROC03, PROC08a, PROC09, PROC20  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC09a, ERC09b, ESVOC SpERC 9.13b  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.  
Environmental contributing scenarios : Use as functional fluids  
Health Contributing scenarios : Use as functional fluids

## Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use as functional fluids

Contributing scenario controlling worker exposure for 0: Use as functional fluids  
Conditions and measures related to personal protection and hygiene

## Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use as functional fluids

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrisk)

Exposure estimation and reference to its source - Workers: 0: Use as functional fluids

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

## Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

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## **WHITE SPIRIT**

**[919-446-0] Use as Functional Fluids - Professional**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

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### Identification of the substance or mixture

Product definition : UVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Laboratories - Professional

List of use descriptors : **Identified use name:** Use in laboratories - Professional  
**Process Category:** PROC10, PROC15  
**Substance supplied to that use in form of:** As such  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, SVOC SpERC 8.17  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in laboratories

Health Contributing scenarios : Use in laboratories

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in laboratories

Contributing scenario controlling worker exposure for 0: Use in laboratories  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in laboratories

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrisk)

Exposure estimation and reference to its source - Workers: 0: Use in laboratories

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## WHITE SPIRIT

**[919-446-0] Use in Laboratories - Professional**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : JVCB  
Code : 82549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Road and Construction Applications - Professional  
List of use descriptors : **Identified use name:** Uses Use in road and construction products - Professional  
**Process Category:** PROC08a, PROC08b, PROC10, PROC11, PROC13  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08d, ERC08f, ESVOC SpERC 8.15.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.  
Environmental contributing scenarios : Use in road and construction products  
Health Contributing scenarios : Use in road and construction products

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in road and construction products

Contributing scenario controlling worker exposure for 0: Use in road and construction products  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in road and construction products

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in road and construction products

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

<b>WHITE SPIRIT</b>		<b>[919-446-0] Use in Road and Construction Applications - Professional</b>	
<b>Environment</b>	:	Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.	
<b>Health</b>	:	Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.	

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : JVCB  
Code : 82549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Use in Laboratories - Industrial  
List of use descriptors : **Identified use name:** Use in laboratories - Industrial  
**Process Category:** PROC10, PROC15  
**Sector of end use:** SU03  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC02, ERC04  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.  
Environmental contributing scenarios : Use in laboratories  
Health Contributing scenarios : Use in laboratories

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in laboratories

Contributing scenario controlling worker exposure for 0: Use in laboratories  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1: Use in laboratories

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

Exposure estimation and reference to its source - Workers: 0: Use in laboratories

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

<b>WHITE SPIRIT</b> <span style="float: right;"><b>[919-446-0] Use in Laboratories - Industrial</b></span>	
<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## Annex to the extended Safety Data Sheet (eSDS)

### Identification of the substance or mixture

Product definition : UVCB  
Code : 32549UK  
Product name : WHITE SPIRIT

### Section 1 - Title

Short title of the exposure scenario : [919-446-0] Uses in Coatings - Professional

List of use descriptors : **Identified use name:** Use in coatings-Professional  
**Process Category:** PROC01, PROC02, PROC03, PROC04, PROC05, PROC08a, PROC08b, PROC10, PROC11, PROC13, PROC15, PROC19  
**Sector of end use:** SU22  
**Subsequent service life relevant for that use:** No.  
**Environmental Release Category:** ERC08a, ERC08d, ESVOC SpERC 8.3b.v1  
**Market sector by type of chemical product:** Not applicable.  
**Article category related to subsequent service life:** Not applicable.

Environmental contributing scenarios : Use in coatings

Health Contributing scenarios : Use in coatings

### Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 0: Use in coatings

Contributing scenario controlling worker exposure for 0: Use in coatings  
Conditions and measures related to personal protection and hygiene

### Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

#### Exposure estimation and reference to its source - Environment: 1: Use in coatings

Exposure assessment (environment): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : Hydrocarbon Block Method (Petrorisk)

#### Exposure estimation and reference to its source - Workers: 0: Use in coatings

Exposure assessment (human): : Not available.

EXPOSURE ESTIMATION AND REFERENCE TO ITS SOURCE : The ECETOC TRA tool has been used to estimate workplace exposures unless otherwise indicated.

### Section 4 - GUIDANCE TO DU TO EVALUATE WHETHER HE WORKS INSIDE THE BOUNDARIES SET BY THE ES

# SAFETY DATA SHEET

EVO-STIK WHITE SPIRITS  
Supersedes Date: 17-Apr-2016

Revision date 23-Aug-2019  
Revision Number 1

## **WHITE SPIRIT**

## **[919-446-0] Uses in Coatings - Professional**

<b>Environment</b>	: Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures. Required removal efficiency for wastewater can be achieved using onsite/offsite technologies, either alone or in combination. Required removal efficiency for air can be achieved using on-site technologies, either alone or in combination. Further details on scaling and control technologies are provided in SPERC factsheet.
<b>Health</b>	: Predicted exposures are not expected to exceed the DN(M)EL when the risk management measures/operational conditions outlined in section 2 are implemented. Where other risk management measures/operational conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.