

SAFETY DATA SHEET

# ECO-SFP 5W30

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

*Trade name:* ECO-SFP 5W30

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

*Relevant identified uses of the substance or mixture:* None known.

*Uses advised against :* None known.

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

*Company and address:* **Moove Lubricants Ltd**  
Dering Way  
Gravesend  
DA12 2QX Kent  
England  
+44 (0) 1474 564 311

*Contact person:* Moove Lubricants

*E-mail:* technical@uk.moovelub.com

*Revision:* 09/12/2025

*SDS Version:* 1.0

### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

## 2.2. Label elements

<i>Hazard pictogram(s):</i>	Not applicable.
<i>Signal word:</i>	Not applicable.
<i>Hazard statement(s):</i>	Not applicable.
<i>Precautionary statement(s):</i>	
<i>General:</i>	Not applicable.
<i>Prevention:</i>	Not applicable.
<i>Response:</i>	Not applicable.
<i>Storage:</i>	Not applicable.
<i>Disposal:</i>	Not applicable.
<i>Hazardous substances:</i>	Does not contain any substances required to report
<i>Additional labelling:</i>	EUH208, Contains N,N-bis(2-ethylhexyl)- ((1,2,4-triazol-1-yl)methyl)amine, * Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs., Molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction. EUH210, Safety data sheet available on request.

## 2.3. Other hazards

<i>Additional warnings:</i>	This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.
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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum	CAS No.: 72623-87-1 EC No.: 276-738-4 UK-REACH: Index No.: 649-483-00-5	60-80%	Asp. Tox. 1, H304	[12], [19]

<p>gas oil and solvent deasphalted residual oil with hydrogen in the presence of a catalyst in a two stage process with dewaxing being carried out between the two stages. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of approximately 32cSt at 40 °C. It contains a relatively large proportion of saturated hydrocarbons.]</p>				
<p>Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated</p>	<p>CAS No.: 68037-01-4 EC No.: 500-183-1 UK-REACH: Index No.:</p>	<p>5-10%</p>	<p>Asp. Tox. 1, H304</p>	<p>[19]</p>
<p>Distillates (petroleum), hydrotreated heavy paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]</p>	<p>CAS No.: 64742-54-7 EC No.: 265-157-1 UK-REACH: Index No.: 649-467-00-8</p>	<p>3-5%</p>	<p>Asp. Tox. 1, H304</p>	<p>[12], [19]</p>

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	CAS No.: 72623-86-0 EC No.: 276-737-9 UK-REACH: Index No.: 649-482-00-X	1-3%	Asp. Tox. 1, H304	[12], [19]
Distillates (petroleum), solvent-dewaxed light paraffinic	CAS No.: 64742-56-9 EC No.: 265-159-2 UK-REACH: Index No.:	1-3%	Asp. Tox. 1, H304	[12], [19]
Distillates (petroleum), solvent-dewaxed heavy paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]	CAS No.: 64742-65-0 EC No.: 265-169-7 UK-REACH: Index No.: 649-474-00-6	1-3%	Asp. Tox. 1, H304	[12], [19]
Distillates (petroleum), hydrotreated light paraffinic	CAS No.: 64742-55-8 EC No.: 265-158-7 UK-REACH: Index No.:	1-3%	Asp. Tox. 1, H304	[12], [19]
Molybdenum polysulphide long chain alkyl dithiocarbamate complex	CAS No.: EC No.: 457-320-2 UK-REACH: Index No.:	<1%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine	CAS No.: EC No.: 401-289-0 UK-REACH: Index No.:	<0.25%	Skin Corr. 1B, H314 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
* Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.	CAS No.: EC No.: UK-REACH: Index No.:	<0.25%	Skin Sens. 1, H317 STOT RE 2, H373	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[12] The classification as a carcinogen will not be taken into account as the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method' (CLP, Annex VI, note L).

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: FIRST AID MEASURES

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### 4.1. Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

In case of discomfort: bring the person into fresh air.

*Skin contact:*

IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

*Eye contact:*

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

*Ingestion:*

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

*Burns:*

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### Information to medics

Bring this safety data sheet or the label from this product.

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## SECTION 5: FIREFIGHTING MEASURES

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### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

No specific requirements.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

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## SECTION 7: HANDLING AND STORAGE

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### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

No special conditions required.

<i>Recommended storage material:</i>	Always store in containers of the same material as the original container.
<i>Storage conditions:</i>	No specific requirements.
<i>Incompatible materials:</i>	Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	970 µg/kg bw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	5.58 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	2.73 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	740 µg/kg bw/day

Distillates (petroleum), hydrotreated light paraffinic

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	970 µg/kg bw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	5.58 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	2.73 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	740 µg/kg bw/day

Distillates (petroleum), solvent-dewaxed light paraffinic

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	970 µg/kg bw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	5.58 mg/m <sup>3</sup>

Long term – Systemic effects - Workers	Inhalation	2.73 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	740 µg/kg bw/day

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - Workers	Dermal	970 µg/kg bw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	5.58 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	2.73 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	740 µg/kg bw/day

**PNEC**

Distillates (petroleum), hydrotreated heavy paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Predators		9.33 mg/kg

Distillates (petroleum), hydrotreated light paraffinic

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Predators		9.33 mg/kg

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Predators		9.33 mg/kg

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

Wash hands after use.

*Measures to avoid environmental exposure:*

No specific requirements.


## Individual protection measures, such as personal protective equipment

*Generally:* Use only UKCA marked protective equipment.

*Respiratory Equipment:*  
No specific requirements.

*Skin protection:*  
No specific requirements.

*Hand protection:*

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Butyl	0,7	> 30	EN374-2, EN16523-1, EN388, EN421	

*Eye protection:*  
No specific requirements.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

*Physical state:* Liquid  
*Colour:* Amber  
*Odour / Odour threshold:* Mild  
*pH:* No data available.  
*Density (g/cm<sup>3</sup>):* 0.847 (20 °C)  
*Kinematic viscosity:* 70 centistokes (40 °C)  
*Particle characteristics:* Does not apply to liquids.

#### Phase changes

*Melting point/Freezing point (°C):* No data available.  
*Softening point/range (°C):* Does not apply to liquids.  
*Boiling point (°C):* No data available.  
*Vapour pressure:* No data available.  
*Relative vapour density:* No data available.  
*Decomposition temperature (°C):* No data available.

#### Data on fire and explosion hazards

*Flash point (°C):* 230  
*Flammability (°C):* No data available.  
*Auto-ignition temperature (°C):* No data available.

*Lower and upper explosion limit (% v/v):* No data available.

## **Solubility**

*Solubility in water:* No data available.

*n-octanol/water coefficient (LogKow):* No data available.

*Solubility in fat (g/L):* No data available.

## **9.2. Other information**

*Oxidizing properties:* No data available.

*Other physical and chemical parameters:* No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

### **10.3. Possibility of hazardous reactions**

None known.

### **10.4. Conditions to avoid**

None known.

### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law**

#### **Acute toxicity**

Based on available data for the mixture, the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on available data for the mixture, the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data for the mixture, the classification criteria are not met.

**Respiratory sensitisation**

Based on available data for the mixture, the classification criteria are not met.

**Skin sensitisation**

This product contains substances that may trigger an allergic reaction in already sensitized persons.

**Germ cell mutagenicity**

Based on available data for the mixture, the classification criteria are not met.

**Carcinogenicity**

Based on available data for the mixture, the classification criteria are not met.

**Reproductive toxicity**

Based on available data for the mixture, the classification criteria are not met.

**STOT-single exposure**

Based on available data for the mixture, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data for the mixture, the classification criteria are not met.

**Aspiration hazard**

Due to the viscosity, this product does not present an aspiration hazard.

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

None known.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

**Other information**

None known.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1. Toxicity**

Based on available data for the mixture, the classification criteria are not met.

**12.2. Persistence and degradability**

Based on available data for the mixture, the classification criteria are not met.

**12.3. Bioaccumulative potential**

Based on available data for the mixture, the classification criteria are not met.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

**EWC code**

Not applicable.

**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
ADR/ADN/ RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: REGULATORY INFORMATION**

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

<i>Restrictions for application:</i>	No special.
<i>Demands for specific education:</i>	No specific requirements.
<i>Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:</i>	Not applicable.
<i>Additional information:</i>	Not applicable.
<i>Sources:</i>	Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

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## SECTION 16: OTHER INFORMATION

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### Full text of H-phrases as mentioned in section 3

H304, May be fatal if swallowed and enters airways.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H373, May cause damage to organs through prolonged or repeated exposure.

H411, Toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

### **The safety data sheet is validated by**

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### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en