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Revision 2  
Revision Date 10-07-2015  
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**SOLVKLEEN**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. Product identifier

Product name SOLVKLEEN

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU19] Building and construction work;

1.3. Details of the supplier of the safety data sheet

Company NORSEKEM Limited  
Address Unit 6c Stokes Farm, Binfield Road,  
Wokingham, Berkshire RG40 5PR  
Web [www.norsekem.co.uk](http://www.norsekem.co.uk)  
Telephone 0845 4027663  
Fax 0845 4027662  
Email address of the competent person [safety@norsekem.co.uk](mailto:safety@norsekem.co.uk)

1.4. Emergency telephone number


Emergency telephone number +44 (0) 118 989 9729  
9.00 am - 5.00 pm (GMT) Mon - Fri

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC  
Xn; R65 Xi; R36/37/38 N; R51/53 R10-66-67  
Symbols: Xn: Harmful. N: Dangerous for the environment.  
Main hazards Flammable. Irritating to eyes, respiratory system and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.  
2.1.2. Classification - EC 1272/2008  
Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411

2.2. Label elements

Hazard pictograms 

Signal Word Danger

Hazard Statement  
Flam. Liq. 3: H226 - Flammable liquid and vapour.  
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  
STOT SE 3: H336 - May cause drowsiness or dizziness.  
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.  
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

## SOLVKLEEN

## 2.2. Label elements

Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P331 - Do NOT induce vomiting.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WHITE SPIRIT		64742-88-7	265-191-7		40 - 50%	Xn; R65 N; R51/53 R10-66-67	
1,2,4-TRIMETHYLBENZENE	601-043-00-3	95-63-6	202-436-9		20 - 30%	R10 Xn; R20 Xi; R36/37/38 N; R51/53	
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light aromatic		64742-95-6	265-199-0		20 - 30%	Xn; R65	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WHITE SPIRIT		64742-88-7	265-191-7		40 - 50%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;	
1,2,4-TRIMETHYLBENZENE	601-043-00-3	95-63-6	202-436-9		20 - 30%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label

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

Inhalation	Coughing, difficulty in breathing.
Skin contact	Itching.
Ingestion	Headache, nausea and vomiting.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Skin contact	If skin irritation or rash occurs: Get medical advice/attention.

**SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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**SECTION 6: Accidental release measures**

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

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

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## 6.4. Reference to other sections

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**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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## 7.3. Specific end use(s)

	See section 1.2 for further information.
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## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

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1,2,4-TRIMETHYLBENZENE	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m <sup>3</sup> : 100	STEL ppm: -
	STEL mg/m <sup>3</sup> : -	NOT: -

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
Freezing Point	-20
Flash point	50
Relative density	0.897 @ 15°C

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data available.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Hazardous reactions will not occur under normal transport or storage conditions.
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## 10.4. Conditions to avoid

	Heat, sparks and open flames.
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## 10.5. Incompatible materials

	Strong oxidising agents.
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## 10.6. Hazardous decomposition products

	Do not breathe gas/fumes/vapour/spray.
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## 11.1. Information on toxicological effects

	May cause irritation to skin and eyes.
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## 11.1.4. Toxicological Information

	No data available
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## 12.1. Toxicity

	No data available
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal methods

	Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations.
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## Disposal of packaging

	Dispose of in compliance with all local and national regulations.
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## Hazard pictograms

	
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## 14.1. UN number

	UN1268
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## 14.2. UN proper shipping name

	PETROLEUM DISTILLATES. N.O.S.
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## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3

## 14.4. Packing group

Packing group	II
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## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## ADR/RID

Hazard ID	33
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5

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## SECTION 15: Regulatory information

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

2 - 2.1. Classification of the substance or mixture.

2 - 2.1.2. Classification - EC 1272/2008.

2 - Hazard pictograms.

2 - Signal Word.

2 - Precautionary Statement: Prevention.

2 - Precautionary Statement: Response.

2 - Precautionary Statement: Storage.

2 - Precautionary Statement: Disposal.

12 - 12.1. Toxicity.

15 - Risk phrases.

## Text of risk phrases in Section 3

R10 - Flammable

R20 - Harmful by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness.

## Text of Hazard Statements in Section 3

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

STOT SE 3: H336 - May cause drowsiness or dizziness.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Skin Irrit. 2: H315 - Causes skin irritation.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Acute Tox. 4: H332 - Harmful if inhaled.

STOT SE 3: H335 - May cause respiratory irritation.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.