

## SAFETY DATA SHEET 3940 ADHESIVE

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	3940 ADHESIVE	
Product number	C0069	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Adhesive.	
Uses advised against	No specific uses advised against are identified.	
1.3. Details of the supplier of the	he safety data sheet	
Supplier	Caswell and Company Limited 6 Princewood Road Earlstrees Industrial Estate Corby, Northants NN17 4AP +44 (0) 1536 464800 +44 (0) 1536 464801 info@caswell-adhesives.co.uk	
1.4. Emergency telephone nur	nber	
Emergency telephone	In case of emergency telephone: +44 (0)1536 464800. Office hours: Mon - Thur 9am - 5pm,	
	Fri 9am - 2pm	
SECTION 2: Hazards identific		
SECTION 2: Hazards identific 2.1. Classification of the subst	ation	
	ation	
2.1. Classification of the subst	ation	
2.1. Classification of the subst	ation ance or mixture	
2.1. Classification of the subst Classification Physical hazards	ation ance or mixture Flam. Liq. 2 - H225	
2.1. Classification of the subst Classification Physical hazards Health hazards Environmental hazards	ation ance or mixture Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373	
2.1. Classification of the subst Classification Physical hazards Health hazards Environmental hazards Classification (67/548/EEC or	ation ance or mixture Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Aquatic Chronic 3 - H412	
2.1. Classification of the subst Classification Physical hazards Health hazards Environmental hazards Classification (67/548/EEC or 1999/45/EC)	ation ance or mixture Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Aquatic Chronic 3 - H412 Xn;R48/20. Repr. Cat. 3;R63. Xi;R36/38. F;R11. N;R51/53. R67. Contains a substance/a group of substances which may damage the unborn child. Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Irritating to skin.	

## 2.2. Label elements

### Pictogram





Signal word	Danger
Hazard statements	<ul> <li>H225 Highly flammable liquid and vapour.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H361d Suspected of damaging the unborn child.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	<ul> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P260 Do not breathe vapour/spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> </ul>
Contains	TOLUENE, BUTANONE, Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane, Hydrocarbons,C6 isoalkanes <5% n-hexane
Supplementary precautionary statements	<ul> <li>P201 Obtain special instructions before use.</li> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P240 Ground/bond container and receiving equipment.</li> <li>P241 Use explosion-proof electrical equipment.</li> <li>P242 Use only non-sparking tools.</li> <li>P243 Take precautionary measures against static discharge.</li> <li>P261 Avoid breathing vapour/spray.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water/shower.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P308+P361+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P308+P313 IF exposed or concerned: Get medical advice/attention.</li> <li>P312 Call a POISON CENTER/doctor if you feel unwell.</li> <li>P314 Get medical advice/attention if you feel unwell.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/attention.</li> <li>P332+P313 If skin irritation persists: Get medical advice/attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</li> <li>P403+P235 Store in a well-ventilated place. Keep cool.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/container in accordance with national regulations.</li> </ul>

## 2.3. Other hazards

No further information on other hazards available

SECTION 3: Composition/information on ingredients			
3.2. Mixtures			
TOLUENE			30-60%
CAS number: 108-88-3	EC number: 203-62	25-9	
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d Asp. Tox. 1 - H304 STOT SE 3 - H336 STOT RE 2 - H373		<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67	
BUTANONE CAS number: 78-93-3	EC number: 201-15	9-0	10-30%
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67	
Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n- hexane			10-30%
CAS number: —	EC number: 921-02	24-6	
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411		Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Hydrocarbons,C6 isoalkanes <5% n-hexane 1-5%			
CAS number: —	EC number: 931-25	64-9	
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411		Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

4.1. Description of first aid mea	asures	
General information	Treat symptomatically.	
Inhalation	Move affected person to fresh air at once. Get medical attention.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.	
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water.	
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	Treat symptomatically.	
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.	
Ingestion	May cause discomfort if swallowed.	
Skin contact	Prolonged contact may cause redness, irritation and dry skin.	
Eye contact	May cause severe eye irritation.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	Solvent vapours may form explosive mixtures with air. The product is highly flammable.	
Hazardous combustion products	In case of fire, toxic gases (CO, CO2, NOx) may be formed.	
5.3. Advice for firefighters		
Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental release measures		

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

Personal precautions No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Take precautionary measures against static discharges. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

#### 6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

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

Methods for cleaning upEliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near<br/>spillage. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other<br/>non-combustible material. Dispose as hazardous Waste.

### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage 7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Take precautions against static discharges. All transfer equipment must be explosion proof Do not eat, drink or smoke when using the product. Do not use in confined spaces without adequate ventilation and/or respirator. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists.

Advice on general Do not eat, drink or smoke when using this product.

occupational hygiene

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

Storage precautions	Do not store near heat sources or expose to high temperatures. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight. Keep separate from food, feedstuffs, fertilisers and other sensitive material.
Storage class	Flammable liquid storage.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

### Occupational exposure limits

### TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 384 mg/m3(Sk)

### BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m3(Sk)

WEL = Workplace Exposure Limit

## TOLUENE (CAS: 108-88-3)

DNEL	Consumer - Inhalation; Short term local effects: 226 mg/m <sup>3</sup> Consumer - Inhalation; Short term systemic effects: 226 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 384 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 384 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 192 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 56.5 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 192 mg/m <sup>3</sup>
PNEC	- Fresh water; 0.68 mg/l - Sediment (Freshwater); 16.39 mg/kg - STP; 13.61 mg/l - Soil; 2.89 mg/kg
	BUTANONE (CAS: 78-93-3)
Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Consumer - Oral; Long term systemic effects: 31 mg/kg/day Consumer - Dermal; Long term systemic effects: 412 mg/kg/day Workers - Dermal; Long term systemic effects: 1161 mg/kg/day Consumer - Inhalation; Long term systemic effects: 106 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 600 mg/m <sup>3</sup>
PNEC	<ul> <li>Fresh water; 55.8 mg/l</li> <li>Sediment (Freshwater); 284.7 mg/kg</li> <li>Intermittent release; 55.8 mg/l</li> <li>Sediment (Marinewater); 284.7 mg/l</li> <li>STP; 709 mg/l</li> <li>Soil; 22.5 mg/kg</li> <li>Marine water; 55.8 mg/l</li> </ul>
Нус	lrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane
DNEL	Consumer - Oral; Long term systemic effects: 699 mg/kg/day Workers - Oral; Long term systemic effects: 2035 mg/kg/day Consumer - Dermal; Long term systemic effects: 699 mg/kg/day Workers - Dermal; Long term systemic effects: 773 mg/kg/day Consumer - Inhalation; Long term systemic effects: 608 mg/m <sup>3</sup>
	Hydrocarbons,C6 isoalkanes <5% n-hexane
DNEL	Consumer - Oral; Long term systemic effects: 1301 mg/kg/day Consumer - Dermal; Long term systemic effects: 1377 mg/kg/day Workers - Dermal; Long term systemic effects: 13964 mg/kg/day Consumer - Inhalation; Long term systemic effects: 1131 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 5306 mg/m <sup>3</sup>
8.2. Exposure controls	
Protective equipment	

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Personal protection	Wear suitable protective clothing as protection against splashing or contamination.
Eye/face protection	The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station and safety shower.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

## 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Green.
Odour	Aromatic.
Odour threshold	Not determined.
рН	Not applicable.
Melting point	Not determined.
Initial boiling point and range	Range 55-111°C @
Flash point	Estimated value26°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	0.85 -0.89 approx @ °C
Bulk density	Not determined.
Solubility(ies)	Insoluble in water. Soluble in the following materials: Hydrocarbons. Organic solvents.
Partition coefficient	Not determined.
Auto-ignition temperature	220°C
Decomposition Temperature	Not determined.
Viscosity	2000-7000cPs @20 @ °C
Explosive properties	Product is not explosive, however, formation of explosive air/vapour mixtures are possible

### 9.2. Other information

Other	information
Cuici	mornauon

No further relevant information available

SECTION 10: Stability and read	activity	
10.1. Reactivity		
Reactivity	No hazardous reactions if stored and handled as prescribed.	
10.2. Chemical stability		
Stability	Stable at normal ambient temperatures.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	No potentially hazardous reactions known.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.	
10.5. Incompatible materials		
Materials to avoid	Strong oxidising agents.	
10.6. Hazardous decomposition	on products	
Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.	
SECTION 11: Toxicological in	Iformation	
11.1. Information on toxicolog	jical effects	
Toxicological effects	Toxicological studies on the product are not available. Please find below any toxicological data available to us for the hazardous components.	
General information	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.	
Inhalation	Harmful by inhalation. Vapours may cause drowsiness and dizziness.	
Ingestion	Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain.	
Skin contact	Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.	
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain. A single exposure may cause the following adverse effects: Corneal damage.	
Toxicological information on ingredients.		
	TOLUENE	

Acute toxicity - oral	
Notes (oral LD <sub>50</sub> )	LD₅₀ >5000 mg/kg, Oral, Rat
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD₅₀ >5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation				
Notes (inhalation LC <sub>50</sub> )	LC50/4h >20 mg/l, Inhalation, Rat			
Serious eye damage/irritat	ion			
Serious eye damage/irritation	Irritating to eyes			
Respiratory sensitisation				
Respiratory sensitisation	Not known.			
Skin sensitisation				
Skin sensitisation	Not known.			
Reproductive toxicity				
Reproductive toxicity - development	Suspected of damaging the unborn child			
BUTANONE				
Acute toxicity - oral				
Notes (oral LD <sub>50</sub> )	LD₅₀ >2000 mg/kg, Oral, Rat			
Acute toxicity - dermal				
Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rabbit			
Inhalation	Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness. Prolonged inhalation of high concentrations may damage respiratory system.			
Ingestion	May cause nausea, headache, dizziness and intoxication. Ingestion of large amounts may cause unconsciousness.			
Skin contact	May be absorbed through the skin. Product has a defatting effect on skin. Irritating to skin.			
Eye contact	Severe irritation, burning and tearing.			
Ну	drocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane			
Acute toxicity - oral				
Notes (oral LD <sub>50</sub> )	LD₅₀ >5000 mg/kg, Oral, Rat			
Acute toxicity - dermal				
Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rabbit			
Hydrocarbons,C6 isoalkanes <5% n-hexane				
Acute toxicity - oral				
Notes (oral LD₅₀)	LD₅₀ >5000 mg/kg, Oral, Rat			
Acute toxicity - dermal				
Notes (dermal LD <sub>50</sub> )	LD₅₀ >2000 mg/kg, Dermal, Rat			

	Notes (inhalation LC₅₀)	LC50/4h >20 mg/l, Inhalation, Rat	
	12: Ecological Information		
SECTION			
Ecotoxicity	Ecotoxicological studies are not available for the product. Do not allow to escape into waterways, wastewater or soil. Please find below the ecotoxicological data available to us for the components.		
12.1. Toxici	ity		
Toxicity	Very toxic to aquatic organisms.		
Ecological i	nformation on ingredients.		
		TOLUENE	
	Acute toxicity - fish	LC₅₀, ∶>1 - <10 mg/l, Fish LC₅₀, 96 hours: 13 mg/l, Carassius auratus (Goldfish)	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 11.5 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	IC₅₀, 72 hours: 12 mg/l, Selenastrum capricornutum, Pseudokirchneriella subcapitata	
	Chronic toxicity - fish early life stage	NOEC, 28 days: >1 - <10 mg/l, Fish	
		BUTANONE	
	Acute toxicity - fish	LC₅₀, 48 hours: >100 mg/l, Leuciscus idus (Golden orfe)	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: >100 mg/l, Daphnia magna	
	Hyd	rocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane	
	Acute toxicity - fish	LC₅₀, : 1-10 mg/l, Fish NOEC, : 1-10 mg/l, Fish	
	Acute toxicity - aquatic plants	LC₅₀, : 10-100 mg/l, Algae	
	Acute toxicity - microorganisms	LC₅₀, ∶ 1-10 mg/l, Activated sludge NOEC, ∶ 0.1-1 mg/l, Activated sludge	
		Hydrocarbons,C6 isoalkanes <5% n-hexane	
	Acute toxicity - fish	LC₅₀, ∶10-100 mg/l, Fish NOEC, ∶1-10 mg/l, Fish	
	Acute toxicity - aquatic plants	LC₅₀, : 10-100 mg/l, Algae	
	Acute toxicity - microorganisms	NOEC, : 1-10 mg/l, Activated sludge	

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

Ecological information on ingredients.

#### TOLUENE

Persistence and The product is readily biodegradable. degradability **BUTANONE** Persistence and The product is readily biodegradable. degradability Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane Persistence and The product is readily biodegradable. degradability 12.3. Bioaccumulative potential **Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating. Partition coefficient Not determined. Ecological information on ingredients. BUTANONE **Bioaccumulative potential** The product is not bioaccumulating. Partition coefficient log Pow: 0.29 12.4. Mobility in soil Ecological information on ingredients. BUTANONE Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is soluble in water. 12.5. Results of PBT and vPvB assessment Ecological information on ingredients. TOLUENE Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria. assessment BUTANONE

**Results of PBT and vPvB** This substance is not classified as PBT or vPvB according to current EU criteria. assessment

### Hydrocarbons,C6-C7, n-alkanes,isoalkanes,cyclics,<5%n-hexane

**Results of PBT and vPvB** This substance is not classified as PBT or vPvB according to current EU criteria. **assessment** 

### Hydrocarbons,C6 isoalkanes <5% n-hexane

**Results of PBT and vPvB** This substance is not classified as PBT or vPvB according to current EU criteria. assessment

### 12.6. Other adverse effects

SECTION 13: Disposal consid	erations	
13.1. Waste treatment method	ls	
General information	Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.	
Disposal methods	Confirm disposal procedures with environmental engineer and local regulations.	
Waste class	Hazardous waste	
SECTION 14: Transport inform	nation	
14.1. UN number		
UN No. (ADR/RID)	1133	
UN No. (IMDG)	1133	
UN No. (ICAO)	1133	
14.2. UN proper shipping name		
Proper shipping name (ADR/RID)	ADHESIVES	
Proper shipping name (IMDG)	ADHESIVES	
Proper shipping name (ICAO)	ADHESIVES	
Proper shipping name (ADN)	ADHESIVES	
14.3. Transport hazard class(e	es)	
ADR/RID class	3	
ADR/RID subsidiary risk		
ADR/RID label	3	
IMDG class	3	
IMDG subsidiary risk		
ICAO class/division	3	
ICAO subsidiary risk		
Transport labels		
14.4. Packing group		
ADR/RID packing group	III	
IMDG packing group	III	
ICAO packing group	III	

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.		
14.6. Special precautions for user		
EmS	F-E, S-D	
Emergency Action Code	3Y	
Hazard Identification Number (ADR/RID)	30	
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
SECTION 15: Regulatory information		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).	
Guidance	Workplace Exposure Limits EH40.	
15.2. Chemical safety assessment		
SECTION 16: Other information		

General information	Only trained personnel should use this material.
Revision date	26/05/2015
Revision	9
SDS number	10435
SDS status	Approved.
Risk phrases in full	<ul> <li>R11 Highly flammable.</li> <li>R12 Extremely flammable.</li> <li>R36 Irritating to eyes.</li> <li>R36/38 Irritating to eyes and skin.</li> <li>R38 Irritating to skin.</li> <li>R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.</li> <li>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> <li>R62 Possible risk of impaired fertility.</li> <li>R63 Possible risk of harm to the unborn child.</li> <li>R65 Harmful: may cause lung damage if swallowed.</li> <li>R66 Repeated exposure may cause skin dryness or cracking.</li> <li>R67 Vapours may cause drowsiness and dizziness.</li> </ul>

Hazard statements in full	H225 Highly flammable liquid and vapour.
	H304 May be fatal if swallowed and enters airways.
	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H336 May cause drowsiness or dizziness.
	H361d Suspected of damaging the unborn child.
	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.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.