

SAFETY DATA SHEET

Gagekote 8

www.vpgsensors.com




ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2020/878

Date of issue: 15/07/2022
Date of First Issue: 29/04/2015
Version 3.0

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

1.1 Product identifier		
Product Name	Gagekote 8	
Product Code	Not applicable	
Unique Formula Identifier (UFI)	Not applicable	
Nanoform	The product does not contain nanoparticles.	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified Use(s)	Metal surface treatment products, including galvanic and electroplating products	
Uses Advised Against	Anything other than the above.	
1.3 Details of the supplier of the safety data sheet		
Company Identification	VISHAY MEASUREMENTS GROUP UK LTD Stroudley Road Basingstoke Hampshire RG24 8FW United Kingdom	
Telephone	+44 (0) 1256 462131	
Fax	+44 (0) 1256 471441	
E-Mail (competent person)	mm.uk@vpgsensors.com	
1.4 Emergency telephone number		
National Poisons Information Service (United Kingdom)	+44 (0) 3448 920111	24 hr. emergency phone number Healthcare Professionals ONLY Members of Public CHEMTREC (24 hours)
NHS 24	111	
Emergency Phone No.	(00-1) 703-527-3887	
Languages spoken	All official European languages.	

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture		
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H336 Repr. 2; H361d STOT RE 2; H373 Aquatic Chronic 3; H412	
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)	
Product Name	Gagekote 8	
Hazard Pictogram(s)	  	
Signal Word(s)	DANGER	

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Contains:	Toluene and Methyl ethyl ketone
Hazard Statement(s)	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. H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331: Do NOT induce vomiting. P308+P313: IF exposed or concerned: Get medical advice/attention. P403+P235: Store in a well-ventilated place. Keep cool.
Supplemental information	None Known
2.3 Other hazards	Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable.

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
Toluene	45 - < 55	108-88-3	203-625-9	Not yet assigned in the supply chain	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361d STOT RE 2; H373 Aquatic Chronic 3; H412
Methyl ethyl ketone	10 - < 20	78-93-3	201-159-0	Not yet assigned in the supply chain	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066

Note: For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES



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4.1 Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe vapour. Avoid all contact. Avoid exposure during pregnancy.

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if breathing has ceased or shows signs of failing. Immediately call a POISON CENTER/doctor.

Skin Contact

IF ON SKIN (or hair): After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs turn patient on side. Do not give milk or alcoholic beverages. Rinse mouth with water but do not swallow. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. - Inhalation. May cause damage to organs through prolonged or repeated exposure: Central nervous system - Inhalation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Notes to a physician: IF SWALLOWED: Consider use of charcoal as a slurry (240mL water/30 g charcoal). Usual dose: 25 to 100 g in adults. If determined necessary (and under qualified medical supervision), the stomach should be emptied by gastric lavage with the airway protected by endotracheal intubation.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media

As appropriate for surrounding fire. Extinguish preferably with foam, carbon dioxide or dry chemical.

Unsuitable extinguishing media

Do not use water jet. Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire giving off toxic fumes. Oxides of carbon and Nitrogen oxides. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid all contact. Do not ingest. If swallowed then seek immediate medical assistance. Use personal protective equipment as required. Do not breathe vapour. Ensure adequate ventilation. Remove all ignition sources. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Remove clothing and wash thoroughly before use. Isolate the area and allow vapours to disperse. In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air.

6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Use non-sparking equipment when picking up flammable spill. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete. Dispose of this material and its container as hazardous waste

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6.4 Reference to other sections

See Section: 8, 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharge. Do not use sparking tools. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid all contact. Do not breathe vapour. Use personal protective equipment as required. See Section: 8. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature
Storage life
Incompatible materials

Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight.

Ambient. 5 – 25 °C

Stable under normal conditions.

Keep away from: Aerosol, flammable liquids, Oxidizing agents, corrosive substances, acids and alkalis

7.3 Specific end use(s)

See Section: 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

United Kingdom

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Toulene	108-88-3	50	191	100	384	Sk
Butan-2-one (methyl ethyl ketone)	78-93-3	200	600	300	899	Sk, BMGV

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

Notes:

Sk – Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

BMGV – Biological monitoring guidance value

Ireland

SUBSTANCE	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
		ppm	mg/m ³	ppm	mg/m ³	
Toulene	108-88-3	50	192	100	384	Sk, IOELV
Methyl ethyl ketone (MEK)	78-93-3	200	600	300	900	Sk, IOELV

Source: 2021 Code of Practice for Safety, Health and Welfare at Work (Chemical Agents) Regulation (2001 – 2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001 – 2019); Health and Safety Authority

Notes:

Sk: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into body.

IOELV: Indicative Occupational Exposure Limit Value

8.1.2 Biological limit value

United Kingdom

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SUBSTANCE	CAS No.	Biological monitoring guidance value	Sampling Time
Butan-2-one (Methyl ethyl ketone)	78-93-3	70 µmol butan-2-one/L in Urine	Post shift

Source: Bmgv: Biological monitoring guidance value (UK HSE EH40)

- 8.1.3 PNECs and DNELs** Not established.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation. or Use appropriate containment. Atmospheric levels should be controlled in compliance with the occupational exposure limit. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems.
- 8.2.2 Individual protection measures, such as personal protective equipment (PPE)** General hygiene measures for the handling of chemicals are applicable. Avoid all contact. Do not breathe vapour. Wash hands before breaks and after work. Keep work clothes separately. Contaminated clothing should be thoroughly cleaned. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166).

Skin protection



Hand protection:

Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Recommended: PVC / Nitrile rubber.

Body protection:

Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection



Use only in well-ventilated areas. In case of inadequate ventilation wear respiratory protection. A suitable mask with filter type A (EN141 or EN405) may be appropriate.

Thermal hazards

Not applicable

- 8.2.3 Environmental exposure controls** Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	Aromatic.
Melting point and freezing point	Not established
Boiling point or initial boiling point and boiling range	82.2 °C

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Flammability	Highly flammable liquid and vapour.
Lower and upper explosion limit or lower and upper flammability limit	Flammable Limits (Lower) (%v/v): 1.6 (Air)
Flash point	Flammable Limits (Upper) (%v/v): 11.2 (Air)
Auto-ignition temperature	-1°C [Closed cup]
Decomposition temperature	Not established
pH	Not established
Kinematic viscosity	<= 20,5 mm ² /s (40 °C; Worst case assumption)
Solubility	Insoluble in water
Partition coefficient: n-octanol/water (log value)	not applicable - Mixture
Vapour pressure	45.4 mmHg
Density and/or relative density	0.88 g/cm ³ (Water = 1)
Relative vapour density	4 (Air = 1)
Particle characteristics	Not applicable (Liquid)

9.2 Other information

Evaporation rate	3.62 (n-Butyl acetate = 1)
VOC-value	592 g/l

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Highly flammable liquid and vapour. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
10.4 Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight. Do not use sparking tools.
10.5 Incompatible materials	Keep away from: Aerosol, Flammable liquid, Oxidizing agents, Corrosive Substances, Acids and Alkalis.
10.6 Hazardous decomposition product(s)	May decompose in a fire giving off toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide and Nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity	
Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 20 mg/l. (Vapour)
Skin Contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Skin corrosion/irritation	Mixture: Skin Irrit. 2: H315: Causes skin irritation.
	Toluene Skin Irrit. 2: H315: Causes skin irritation. Irritating to skin. (Rabbit) (Regulation (EC) No. 440/2008, Annex B.4) Source: EU Harmonised Classification; ECHA registration dossier
Serious eye damage/irritation	Mixture: Eye Irrit. 2: H319: Causes serious eye irritation.
	Methyl ethyl ketone Eye Irrit. 2: H319: Causes serious eye irritation. Irritating to eyes. (Rabbit) (OECD 405) Source: EU Harmonised Classification; ECHA registration dossier
Respiratory or skin sensitization	Mixture: Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Mixture: Repr. 2; H361d: Suspected of damaging the unborn child. (inhalation)
	Toluene Repr. 2; H361d: Suspected of damaging the unborn child. (inhalation)

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STOT - single exposure	Developmental Toxicity: NOAEC= 600 ppm Source: EU Harmonised Classification; ECHA registration dossier Mixture: STOT SE 3; H336: May cause drowsiness or dizziness.
	Toluene STOT SE 3; H336: May cause drowsiness or dizziness. Chronic inhalation toxicity: NOAEC= 300 ppm (1131 mg/m3) Source: EU Harmonised Classification; ECHA registration dossier
STOT - repeated exposure	Mixture: STOT RE 2; H373: May cause damage to organs through prolonged or repeated exposure.
	Toluene STOT RE 2; H373: May cause damage to organs through prolonged or repeated exposure. Chronic inhalation toxicity: NOAEC= 300 ppm (1131 mg/m3) Source: EU Harmonised Classification; ECHA registration dossier
	Methyl ethyl ketone STOT SE 3; H336: May cause drowsiness or dizziness. Subchronic Inhalation Toxicity: NOAEC= 5014 ppm (OECD 413) Source: EU Harmonised Classification; ECHA registration dossier
Aspiration hazard	Mixture: Asp. Tox. 1: May be fatal if swallowed and enters airways.
	Toluene Asp. Tox. 1: May be fatal if swallowed and enters airways. Kinematic Viscosity: 0.56 mPa s (20 °C) Source: EU Harmonised Classification; ECHA registration dossier
11.2 Information on other hazards	
11.2.1 Endocrine disrupting properties	This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.
11.2.2 Other information	None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture: Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.
	Toluene Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects. LC50 (96 hour) = 5.5 mg/L (Fish) NOEC (40day) = 1.4 mg/L (Fish) EC50 (48 hour) = 3.78 mg/L (Aquatic invertebrates) NOEC (7day) = 0.74 mg/L (Aquatic invertebrates) EC50 (3 hour) = 134 mg/L (Algae) NOEC (72 hour) = 10 mg/L (Algae) Source: ECHA registration dossier
12.2 Persistence and degradability	No data for the mixture as a whole.
	Toluene Readily biodegradable. Source: ECHA registration dossier
	Methyl ethyl ketone Readily biodegradable. Source: ECHA registration dossier
12.3 Bioaccumulative potential	The product has low potential for bioaccumulation.
	Toluene The substance has low potential for bioaccumulation. Bioconcentration factor (BCF) = 90. Log KOW = 2.73 Source: ECHA registration dossier
	Methyl ethyl ketone The substance has low potential for bioaccumulation. Low partition coefficient n-octanol/water Source: ECHA registration dossier
12.4 Mobility in soil	The product is predicted to have low mobility in soil. (The product is essentially insoluble in water.)
	Toluene Adsorption to solid soil phase is not expected. Koc (20 °C) = 205 Log KOW = 2.73 Source: ECHA registration dossier
	Methyl ethyl ketone Adsorption to solid soil phase is not expected. Low partition coefficient n-octanol/water. Readily biodegradable. Source: ECHA registration dossier
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.

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12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste classification according to Directive 2008/98/EC
(Waste Framework Directive)

This material and its container must be disposed of as hazardous waste. Dispose of wastes in an approved waste disposal facility.

HP 3 Flammable
HP 4 Irritant — skin irritation and eye damage
HP 5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 10 Toxic for reproduction
HP 14 Ecotoxic

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

	ADR/RID	ADN	IMDG	IATA/ICAO
14.1 UN number or ID number	1263	1263	1263	1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	II	II	II	II
14.5 Environmental hazards	Not classified	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See Section: 2			
14.7 Maritime transport in bulk according to IMO instruments	No information available.			
14.8 Additional Information	No information available.			

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Use restriction according to REACH annex XVII, no.:
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
Directive 2010/75/EU on industrial emissions

3
P5c Flammable liquids

Solvent VOC-value:

VOC-value %W/W	Temperature	Method
55 - < 70	20 °C	calculated

CMR Substances or halogenated hydrocarbons VOC-value:

VOC-value %W/W	Components	CAS No.
45 - < 55	Toluene	108-88-3

Restrictions of occupation:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

To follow:

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

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15.1.2 National regulations

United Kingdom

UK - GB CLP Mandatory classification and labelling list

Toluene: listed

Methyl ethyl ketone: listed

UK REACH - Annex XVII (Restrictions)

Toluene: listed (Entry: 40; 48)

Methyl ethyl ketone: listed (Entry: 40; 75)

UK REACH – Grandfathered registrations notified substances list

Toluene: listed

Methyl ethyl ketone: listed

Poisons Act

All chemicals are not listed

Ireland

S.I. No. 619/2001

All chemicals are not listed

Germany

Water hazard class (WGK)

strongly hazardous to water (WGK 3)

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Updated substance / mixture classification. New SDS Regulation 2020/878 format, all sections have been updated to include new information. Please review SDS with care.

References:

Existing Safety Data Sheet (SDS), Harmonised Classification(s) for Methyl ethyl ketone (CAS No. 78-93-3) and Toluene (CAS No. 108-88-3).

Existing ECHA registration(s) for Methyl ethyl ketone (CAS No. 78-93-3) and Toluene (CAS No. 108-88-3).

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Flam. Liq. 2; H225	Experimental data
Asp. Tox. 1; H304	Expert judgement / Worst case assumption
Skin Irrit. 2; H315	Threshold Calculation
Eye Irrit. 2; H319	Threshold Calculation
STOT SE 3; H336	Threshold Calculation
Repr. 2; H361d	Threshold Calculation
STOT RE 2; H373	Threshold Calculation
Aquatic Chronic 3; H412	Summation Calculation

LEGEND

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
EU	European Union
EC	European Community
ECHA	European Chemicals Agency
EN	European Standard
EC50	Effect concentration; 50 %
EL50	Effective loading rate; 50 %
GB	Great Britain
HSE	Health and Safety Executive
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC50	Lethal concentration at which 50% of the population is killed

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LD50	Lethal dose at which 50% of the population is killed
LTEL	Long term exposure limit
NOAEC	No observed adverse effect concentration
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
TWA	Time Weighted Average
STEL	Short term exposure limit
vPvB	very Persistent and very Bioaccumulative
UK	United Kingdom
UN	United Nations
VOC	Volatile organic compounds

Hazard classification / Classification code:

Flam. Liq. 2; Flammable Liquid Category 2
Asp. Tox. 1; Aspiration Toxicity Category 1
Skin Irrit. 2; Skin Irritation Category 2
Eye Irrit. 2; Eye Irritation Category 2
STOT SE 3; Specific target organ toxicity — single exposure Category 3
Repr. 2; Reproductive toxicity Category 2
STOT RE 2; Specific target organ toxicity — repeated exposure Category 2
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

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.
H412: Harmful to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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