

SÜDWEST LBN-300

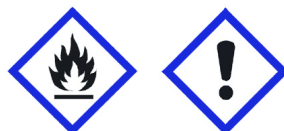
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Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word	Warning	
Hazard statements	H226 H336 H412	Flammable liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.
Supplemental Hazard Statements	EUH066	Repeated exposure may cause skin dryness or cracking.
Precautionary statements	P102 Prevention: P210 P261 P271 Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P312 Disposal: P501	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Call a POISON CENTER/doctor if you feel unwell. Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Hazardous components

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which must be listed on
the label:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics,
<2% aromatics

Additional Labelling:

EUH208

Contains phthalic anhydride, 3-aminopropyltriethoxysilane. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature

Alkyd resin based paint.

Components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-48-9 01-2119463258-33-XXXX	Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H336 Note P The CAS number is no longer specified in REACH registration, but still serves as identification in other areas.	≥ 20 - < 30
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-48-9 01-2119457273-39-XXXX	Asp. Tox.1; H304 The CAS number is no longer specified in REACH registration, but still serves as identification in other areas.	≥ 10 - < 20
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-48-9 01-2119471843-32-	Flam. Liq.3; H226 STOT SE3; H336 Asp. Tox.1; H304 Aquatic Chronic3;	≥ 2,5 - < 10

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	XXXX	H412 Note P The CAS number is no longer specified in REACH registration, but still serves as identification in other areas.	
phthalic anhydride	85-44-9 201-607-5 01-2119457017-41-XXXX	Acute Tox.4; H302 STOT SE3; H335 Skin Irrit.2; H315 Eye Dam.1; H318 Resp. Sens.1; H334 Skin Sens.1; H317	≥ 0,1 - < 1
3-aminopropyltriethoxy silane	919-30-2 213-048-4 01-2119480479-24-XXXX	Acute Tox.4; H302 Skin Corr.1B; H314 Skin Sens.1; H317	≥ 0,1 - < 1
Amines, tallow alkyl, ethoxylated	61791-26-2	Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Aquatic Acute1; H400 Aquatic Chronic1; H410 M-Factor (Acute aquatic toxicity): 1	≥ 0,25 - < 1
2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine	222417-26-7	Skin Irrit.2; H315 Eye Dam.1; H318 Aquatic Chronic1; H410 Aquatic Acute1; H400 M-Factor (Acute aquatic toxicity): 1	≥ 0,1 - < 0,25
Substances with a workplace exposure limit :			
(2-methoxymethylethoxy) propanol	34590-94-8 252-104-2 01-2119450011-60-XXXX	WEL substance, Not a dangerous substance according to GHS.	≥ 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

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4.1 Description of first aid measures

General advice	When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, seek medical advice immediately and show this container or label. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.
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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
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Unsuitable extinguishing media	High volume water jet
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5.2 Special hazards

Fire may cause evolution of:

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arising from the substance or mixture

Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance.

Additional advice

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition.
Ensure adequate ventilation.
Do not breathe vapour.
Prevent unauthorized access.

6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean with detergents. Avoid solvents.
Clean contaminated surface thoroughly.
Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice on safe handling

Comply with the statutory regulations on health and safety at work.
Avoid formation of aerosol.
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour

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concentration higher than the occupational exposure limit values. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. All metal parts of the mixing and processing equipment must be earthed. Operators should wear antistatic footwear and clothing. No sparking tools should be used.

Hygiene measures

Do not breathe spray, vapour. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. After washing hands, replenish lost skin oil by means of oily skin ointment. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nonsmoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a well-ventilated place. Protect from frost, heat and sunlight.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Advice on common storage

Keep away from combustible materials. Keep away from food, drink and animal feedingstuffs. Keep away from oxidizing agents and strongly acid or alkaline materials.

7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

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8.1 Control parameters

Exposure limit(s)

Components	CAS-No.	Control parameters
Basis	Type:	Control parameters
(2-methoxymethylethoxy) propanol	34590-94-8	
2000/39/EC	Limit Value - eight hours	308 mg/m ³
2000/39/EC	Limit Value - eight hours	50 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	

The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn. Washing facilities / water for rinsing eyes and skin should be available.

Individual protection measures, such as personal protective equipment

a) Eye/face protection Safety glasses with side-shields conforming to EN166

b) Skin protection
Hand protection

Recommended preventive skin protection
Before starting work, apply water-resistant skincare preparations to exposed skin areas.
Protective gloves should be worn in case of skin contact during preparation and application.

Break through time: 480 min
Minimum thickness: 0,4 mm
Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.
Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

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The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Body Protection	Preventive skin protection Long sleeved clothing Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthehic fiber. All parts of the body should be washed after contact.
c) Respiratory protection	When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators. Breathing protection equipment required in inadequately ventilated places and during spraying. In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Combination filter A-P2 Respiratory protection complying with EN 14387.

Environmental exposure controls

General advice	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	various
Odour	characteristic
Odour Threshold	No data available
pH	not determined
Melting point/freezing point	No data available
Initial boiling point and boiling range	143 °C
Flash point	35 °C Method: closed cup

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Evaporation rate	not determined
Flammability (solid, gas)	not applicable
Upper explosion limit / Upper flammability limit	6,0 %(V) Upper explosion limit
Lower explosion limit / Lower flammability limit	0,7 %(V) Lower explosion limit
Vapour pressure	300 hPa (20 °C)
Vapour density	No data available
Density	ca. 0,91 g/cm ³
Solubility(ies) Water solubility	insoluble
Partition coefficient: n- octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity Viscosity, dynamic	140 mPa.s (40 °C)
Viscosity, kinematic	ca. 153,9 mm ² /s (40 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

9.2 Other information

Flow time	90 s at 20 °C Cross section: 4 mm Method: ISO 2431
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

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No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.
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10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.
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10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
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10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if stored and applied as directed.
Decomposition temperature	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity	Based on available data, the classification criteria are not met.
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Acute inhalation toxicity	Based on available data, the classification criteria are not met.
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Acute dermal toxicity	Based on available data, the classification criteria are not met.
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Components:

|| phthalic anhydride:

Acute oral toxicity	LD50 (Rat): 1.530 mg/kg
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|| 3-aminopropyltriethoxysilane:

Acute oral toxicity	LD50 (Rat): 1.490 mg/kg
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|| Amines, tallow alkyl, ethoxylated:

Acute oral toxicity Harmful if swallowed.

Skin corrosion/irritation**Product:**

Repeated exposure may cause skin dryness or cracking.

Components:**|| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:**

Method

OECD Test Guideline 404

Repeated exposure may cause skin dryness or cracking.

|| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Repeated exposure may cause skin dryness or cracking.

|| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Repeated exposure may cause skin dryness or cracking.

|| phthalic anhydride:

Causes skin irritation.

|| 3-aminopropyltriethoxysilane:

Causes severe skin burns and eye damage.

|| Amines, tallow alkyl, ethoxylated:

Causes skin irritation.

|| 2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Species

Rabbit

Method

OECD Test Guideline 404

Causes skin irritation.

Serious eye damage/eye irritation**Product:**

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

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Components:**|| phthalic anhydride:**

Causes serious eye damage.

|| Amines, tallow alkyl, ethoxylated:

Causes serious eye damage.

|| 2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Species

Rabbit

Method

OECD Test Guideline 405

Causes serious eye damage.

Respiratory or skin sensitisation**Product:**

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

Components:**|| phthalic anhydride:**

May cause an allergic skin reaction.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

|| 3-aminopropyltriethoxysilane:

May cause an allergic skin reaction.

Germ cell mutagenicity**Product:**

Genotoxicity in vitro

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

Carcinogenicity**Product:**

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

Reproductive toxicity**Product:**

Effects on fertility

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

Developmental Toxicity

Based on available data, the classification criteria are

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not met.

STOT - single exposure

Product:

Assessment

May cause drowsiness or dizziness.

Components:

|| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Assessment

May cause drowsiness or dizziness.

|| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Assessment

May cause drowsiness or dizziness.

|| phthalic anhydride:

Exposure routes

Inhalation

Assessment

May cause respiratory irritation.

STOT - repeated exposure

Product:

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

Aspiration toxicity

Product:

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

Components:

|| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

|| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

|| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

Experience with human exposure

Product:

General Information

Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.

Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and

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12.2 Persistence and degradability

Product:

Biodegradability No data available

Components:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics :

Biodegradability Result: rapidly degradable
Biodegradation: 80 %
Exposure time: 28 d

Amines, tallow alkyl, ethoxylated :

Biodegradability Result: rapidly degradable
Biodegradation: > 60 %
Method: OECD Test Guideline 301B

2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine :

Biodegradability Result: not rapidly degradable
Method: OECD Test Guideline 301B

(2-methoxymethylethoxy) propanol :

Biodegradability Biodegradation: 75 %
Exposure time: 28 d
Method: OECD Test Guideline 301
rapidly biodegradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

Components:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics :

Partition coefficient: n- octanol/water log Pow: 4

(2-methoxymethylethoxy) propanol :

Partition coefficient: n- octanol/water log Pow: -0,35

12.4 Mobility in soil

Product:

Mobility No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and

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toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Additional ecological information

Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	<p>The user is responsible for proper coding and marking of any waste.</p> <p>When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste"</p> <p>Partial and residual quantities can be reused.</p> <p>Fluid remains constitute hazardous waste and should not be poured into the sewage system. They should be taken to a local waste disposal site.</p>
Contaminated packaging	<p>Packaging that is not properly emptied must be disposed of as the unused product.</p> <p>Empty packaging should be recycled through disposal systems.</p>
Waste key for the unused product	<p>08 01 11* waste paint and varnish containing organic solvents or other hazardous substances</p> <p>(*) hazardous waste in terms of the European directive 2008/98/EG</p>

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR	1263
IMDG	1263
IATA	1263

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14.2 UN proper shipping name

ADR	PAINT
IMDG	PAINT
IATA	Paint

14.3 Transport hazard class(es)

ADR	3
IMDG	3
IATA	3

14.4 Packing group

ADR	
Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
Tunnel restriction code	(D/E)
IMDG	
Packaging group	III
Labels	3
EmS number	F-E, <u>S-E</u>

IATA

Packaging group	III
Labels	3

14.5 Environmental hazards

ADR	
Environmentally hazardous	no

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IMDG

Marine pollutant no

14.6 Special precautions for user

Remarks This information is not available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks Not applicable

Additional advice

ADR ADR: Packages < 450l: No dangerous goods (ADR 2.2.3.1.5)
IMDG IMDG: Packages < 30l: No dangerous goods (IMDG 2.3.2.5).

SECTION 15: REGULATORY INFORMATION

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

VOC
Directive 2010/75/EU 44,5 %

VOC
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals Not applicable

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Other regulations	Comply with the statutory regulations on health and safety at work. Take note of Dir 94/33/EC on the protection of young people at work. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.
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15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin.

The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H226	: Flammable liquid and vapour.
H302	: Harmful if swallowed.
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.
H334	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard

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Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing
MSDS
REG_EU / EN

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