



SAFETY DATA SHEET

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

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

1.1. Product identifier

Product name LIGHT GREY ZINC PHOSPHATE ETCH PRIMER
Product number IP136

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

Identified uses PC 9a: Coatings and paints, thinners, paint removers. Single pack etching primer.

1.3. Details of the supplier of the safety data sheet

Supplier Axalta Coating Systems Huthwaite UK Ltd
 Blackwell Road
 Huthwaite
 Nottinghamshire
 United Kingdom
 NG17 2RL
 Tel: +44 (0)1623 510585

Contact person info-huthwaite@axaltacs.com

1.4. Emergency telephone number

Emergency telephone +44 (0)1623 528938 (Not 24 Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361d STOT SE 3 - H336
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H336 May cause drowsiness or dizziness.
 H361d Suspected of damaging the unborn child.
 H412 Harmful to aquatic life with long lasting effects.

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Contains	PROPAN-2-OL, BUTAN-1-OL, HYDROCARBONS, C9, AROMATICS, TOLUENE, ISO-BUTANOL
Supplementary precautionary statements	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>

Other information

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PROPAN-2-OL		30-60%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
XYLENE		10-30%
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-0000
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xn;R20/21 Xi;R38	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Asp. Tox. 1 - H304		

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

BUTAN-1-OL		5-10%
CAS number: 71-36-3	EC number: 200-751-6	REACH registration number: 01-2119484630-38-XXXX
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R22 Xi;R37/38,R41 R67	
HYDROCARBONS, C9, AROMATICS		5-10%
CAS number: 64742-95-6	EC number: 918-668-5	REACH registration number: 01-2119455851-35-0000
Classification Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R65. Xi; R37. N; R51/53. R10, R67	
TOLUENE		1-5%
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-0000
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67	
ETHYLBENZENE		1-5%
CAS number: 100-41-4	EC number: 202-849-4	REACH registration number: 01-2119489370-35-0000
Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) F;R11 Xn;R20	
UREA P/W FORMALDEHYDE, ISOBUTYLATED		1-5%
CAS number: 68002-18-6		
Classification Aquatic Chronic 4 - H413		

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

ISO-BUTANOL 1-5%		
CAS number: 78-83-1	EC number: 201-148-0	REACH registration number: 01-2119484609-23-0000
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	Classification (67/548/EEC or 1999/45/EC) R10 Xi;R37/38,R41 R67	
PHOSPHORIC ACID 1-5%		
CAS number: 7664-38-2	EC number: 231-633-2	REACH registration number: 01-2119485924-24-0000
Classification Skin Corr. 1B - H314	Classification (67/548/EEC or 1999/45/EC) C;R34	
TRIZINC BIS(ORTHOPHOSPHATE) 1-5%		
CAS number: 7779-90-0	EC number: 231-944-3	REACH registration number: 01-2119485044-40-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N;R50/53	
PHENOL <1%		
CAS number: 108-95-2	EC number: 203-632-7	REACH registration number: 01-2119471329-32-0000
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Muta. 2 - H341 STOT RE 2 - H373	Classification (67/548/EEC or 1999/45/EC) Muta. Cat. 3;R68 T;R23/24/25 C;R34 Xn;R48/20/21/22	

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

FORMALDEHYDE ...%	<1%
CAS number: 50-00-0	EC number: 200-001-8
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 3 - H301	Carc. Cat. 2; R45 Muta. Cat. 3; R68 T; R23/24/25 C; R34
Acute Tox. 3 - H311	R43
Acute Tox. 3 - H331	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Muta. 2 - H341	
Carc. 1B - H350	

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

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Inhalation	Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Skin contact	Immediately remove contaminated clothing. Rinse immediately with plenty of water. Remove contaminated clothing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention.

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

General information No data available on the mixture itself.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is highly flammable. Vapours may form explosive mixtures with air.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Protective actions during firefighting	Move containers from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.
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 Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel Keep unnecessary and unprotected personnel away from the area.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Keep combustible materials away from spillage. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid contact with oxidising agents.

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

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Occupational Exposure Limits (Ireland):

Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 200 ppm

Short-term exposure limit (15-minute): NAOSH (Ireland) OELV-15 min 400 ppm

Sk, IOELV

XYLENE

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m³(Sk)

Occupational Exposure Limits (Ireland):

Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 50 ppm 221 mg/m³

Short-term exposure limit (15-minute): NAOSH (Ireland) OELV-15 min 100 ppm 442 mg/m³

BUTAN-1-OL

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 154 mg/m³(Sk)

Occupational Exposure Limits (Ireland):

Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 20 ppm

TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m³

Sk

Occupational Exposure Limits (Ireland):

Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 50 ppm 192 mg/m³

Short-term exposure limit (15-minute): NAOSH (Ireland) OELV-15 min 100 ppm 384 mg/m³

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m³

Sk

Occupational Exposure Limits (Ireland):

Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 100 ppm 442 mg/m³

Short-term exposure limit (15-minute): NAOSH (Ireland) OELV-15 min 200 ppm 884 mg/m³

ISO-BUTANOL

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m³

Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m³

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

PHENOL

Long-term exposure limit (8-hour TWA): WEL 2 ppm(Sk)

Short-term exposure limit (15-minute): WEL

FORMALDEHYDE ...%

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

IOELV = Indicative occupational exposure limit value.

Ingredient comments

WEL = Workplace Exposure Limits

HYDROCARBONS, C9, AROMATICS (CAS: 64742-95-6)

DNEL

Workers - Dermal; Long term systemic effects: 25 mg/kg bw/day

Workers - Oral; Long term systemic effects: 150 mg/m³

Consumer - Dermal; Long term systemic effects: 11 mg/kg bw/day

Consumer - Inhalation; Long term : 32 mg/m³

8.2. Exposure controls

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. All handling should only take place in well-ventilated areas.

Eye/face protection

Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374. Gloves made from the following material may provide suitable chemical protection: Nitrile rubber; thickness 0.35mm minimum. Butyl Rubber; thickness 0.5mm minimum. Fluorinated rubber (Viton); thickness 0.4mm minimum. PVC; thickness 0.5mm minimum. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. The breakthrough time for any glove material may be different for different glove manufacturers. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station. Do not smoke in work area. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Wear a respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Grey.
Odour	Characteristic.
Initial boiling point and range	82°C
Flash point	Below 21°C
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 0.7% Upper flammable/explosive limit: 13%
Vapour pressure	Not available.
Relative density	0.95 - 1.00
Solubility(ies)	Immiscible with water.
Partition coefficient	Not available.

9.2. Other information

Other information	No additional information
Volatile organic compound	This product contains a maximum VOC content of 680 grams per Litre .

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and open flame.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 4,324.97

Acute toxicity - dermal

ATE dermal (mg/kg) 6,599.09

Acute toxicity - inhalation

ATE inhalation (gases ppm) 22,929.34

ATE inhalation (vapours mg/l) 60.01

ATE inhalation (dusts/mists mg/l) 8.33

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Harmful: possible risk of irreversible effects through inhalation.

Ingestion

Gastrointestinal symptoms, including upset stomach. Harmful: possible risk of irreversible effects if swallowed.

Skin contact

Product has a defatting effect on skin. May cause allergic contact eczema. Harmful: possible risk of irreversible effects in contact with skin.

Eye contact

May cause serious eye damage. Symptoms following overexposure may include the following: Redness. Pain.

SECTION 12: Ecological information

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Ecotoxicity Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity No data on the mixture itself.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3469

UN No. (IMDG) 3469

UN No. (ICAO) 3469

UN No. (ADN) 3469

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT, FLAMMABLE, CORROSIVE

Proper shipping name (IMDG) PAINT, FLAMMABLE, CORROSIVE

Proper shipping name (ICAO) PAINT, FLAMMABLE, CORROSIVE

Proper shipping name (ADN) PAINT, FLAMMABLE, CORROSIVE

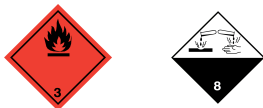
14.3. Transport hazard class(es)

ADR/RID class 3

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

ADR/RID subsidiary risk	8
ADR/RID classification code	FC
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	8
ICAO class/division	3
ICAO subsidiary risk	8
ADN class	3
ADN subsidiary risk	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-C
ADR transport category	2
Emergency Action Code	•3WE
Hazard Identification Number (ADR/RID)	338
Tunnel restriction code	(D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

UFI UFI: 2WF0-41F3-2001-J6CR

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet WEL: Workplace Exposure Limit.
ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
DMEL: Derived Minimal Effect Level.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Revision date 13/06/2018

Revision 4

Supersedes date 25/07/2016

SDS number 11367

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Risk phrases in full

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R22 Harmful if swallowed.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R36/37/38 Irritating to eyes, respiratory system and skin.
R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
R68 Possible risk of irreversible effects.

LIGHT GREY ZINC PHOSPHATE ETCH PRIMER

Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

The information in this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.