

HYDROPRUFE LG- CURING AGENT

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Hydroprufe LG- Curing Agent

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

[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers;

1.3 Details of the supplier of the data sheet

FIS Construction Products
44 Macadam Way
West Portway
Andover
SP10 3XW
sales@fisproducts.co.uk
www.fisproducts.co.uk

Emergency telephone number
+44 (0) 800 6191619
7.00am-5:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

- | | | |
|-------|----------------------------------|--|
| 2.1.1 | Classification -
1999/45/EC | Xi; R41 Symbols: Xi: Irritant. |
| | Main hazards | Risk of serious damage to eyes. |
| 2.1.2 | Classification – EC
1272/2008 | Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; |

2.2 Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Acute Tox. 4: H332 - Harmful if inhaled.

Precautionary Statement:
Prevention

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement:
Response

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 - IF ON SKIN: Wash with plenty of water/ .
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 -Immediately call a POISON CENTER/doctor/ .
P312 - Call a POISON CENTER/doctor/ /if you feel unwell.
P321 - Specific treatment (see on this label).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

Precautionary Statement:
Storage

P405 - Store locked up.

Precautionary Statement:
Disposal

P501 - Dispose of contents/container to

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Polyaminoamide		68410-23-1			30 - 40%	Xi; R41	
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9	01-2119492630-38	10 - 20%	Xn; R20/22	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Polyaminoamide		68410-23-1			30 - 40%	Eye Dam. 1: H318;	
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9	01-2119492630-38	10 - 20%	Acute Tox. 4: H332; Acute Tox. 4: H302;	
m-xylylenediamine		1477-55-0	216-032-5	01-2119480150-50	1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412;	

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Risk of serious damage to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Causes burns. Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon oxides. Dry chemical. Foam. Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

Further information

Dispose of as special waste in compliance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

See section 8 for further information.

See section 13 for further information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in original container.

7.3 Specific end use(s)

See section 1.2 for further information.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

8.1 Control parameters

This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

8.2 Exposure controls



- | | | |
|-------|----------------------------------|--|
| 8.2.1 | Appropriate engineering Controls | Ensure adequate ventilation of the working area. |
| 8.2.2 | Individual protection Measures | Wear suitable protective clothing. |
| | Eye / face protection | Approved safety goggles. |
| | Skin protection - Handprotection | Chemical resistant gloves. Butyl rubber gloves. |
| | Skin protection - Other | Wear suitable protective clothing. |
| | Respiratory protection | Wear suitable respiratory equipment when necessary. |
| | Occupational exposure controls | Keep away from food, drink and animal feedingstuffs. |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Strong/ Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	105 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Soluble in	No data available
Miscible in	No data available
Partition coefficient (n-octanol/water)	No data available
Partition coefficient	No data available
Autoignition temperature	No data available

Viscosity	1000 mPas (Cone & Plate)
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Slightly soluble in water

9.2 Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/

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	Reacts with. Acids. Alkalis. Oxidising agents.
10.4	Conditions to avoid	Heat.
10.5	Incompatible materials	Strong oxidising agents.
10.6	Hazardous decomposition products	No data is available on this product.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation	Causes burns.
Serious eye damage/irritation	Risk of serious damage to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Reproductive toxicity	No observed effect level. No teratogenic effects reported.

11.1.4. Toxicological Information

Benzyl alcohol	Oral Rat LD50: 1230mg/kg	Dermal Rabbit LD50: 2000mg/kg
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11.1.13. Other information

Swallowing will lead to a strong caustic effect on mouth and throat and danger of perforation of esophagus and stomach.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Benzyl alcohol	Daphnia EC50/48h: 400.0000 mg/l Fish LC50/96h: 645.0000 mg/l	Algae IC50/72h: 640.0000 mg/l
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12.2 Persistence and degradability No data is available on this product.

PBT Not applicable.

12.3 Bioaccumulative potential No data is available on this product.

Partition coefficient Hydroprufe LG- Curing Agent No data available

12.4 Mobility in soil Slightly miscible in water.

12.5 Results of PBT and vPvB assessment No data is available on this product.

12.6 Other adverse effects No data is available on this product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose of in compliance with all local and national regulations.

General information

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS.

08 02 wastes from MFSU of other coatings (including ceramic materials).

08 02 99 wastes not otherwise specified.

Disposal methods

The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Disposal of packaging

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do NOT reuse empty containers.

14. TRANSPORT INFORMATION

14.1 Hazard pictograms



	UN number	UN2735
14.2	UN proper shipping name	AMINES, LIQUID, CORROSIVE N.O.S. (Isophoronediamine)
14.3	Transport hazard class(es)	
	ADR/RID	8
	Subsidiary risk	-
	IMDG	8
	Subsidiary risk	-
	IATA	8
	Subsidiary risk	-
14.4	Packing group	
	Packing group	III
14.5	Environmental hazards	
	Environmental hazards	No
	Marine pollutant	No
14.6	Special precautions for user	
	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.	
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	For transport approval see regulatory information.	
	ADR/RID	
	Hazard ID	80
	Tunnel Category	(E)
	IMDG	
	EmS Code	F-A S-B

IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

15. REGULATORY INFORMATION

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

Regulations

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

16. OTHER INFORMATION

Other information

Text of risk phrases in Section 3 R20/22 - Harmful by inhalation and if swallowed.
R41 - Risk of serious damage to eyes.

Text of Hazard Statements in Section 3 Eye Dam. 1: H318 - Causes serious eye damage.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H332 - Harmful if inhaled.
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Maximum content of VOC 0 g/l.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

The above information is believed to be correct but not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the product.