

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

#### 1.1. Product identifier

Product form	: Mixture
Name	: Ampreg 3X Standard Hardener
UFI	: K049-02AM-Q006-U3D3
Product code	: 19198
Type of product	: Hardener (Crosslinker)
Product group	: Hardener

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

##### Relevant identified uses

Main use category : Industrial use, Professional use

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Gurit (UK) Ltd  
St Cross Business Park  
Newport  
GBR PO30 5WU Isle of Wight  
United Kingdom  
T +44 (0) 1983 828 000 (All Technical and Commercial Enquiries)  
[Regulatory@Gurit.com](mailto:Regulatory@Gurit.com), [www.gurit.com](http://www.gurit.com)

##### Other

Gurit Spain SA  
Polígono Industrial Romica C/K  
Parcela 11C, APDO.447  
ESP 02080 Albacete  
Spain  
T +34 967 254 507, F +34 967 254 005  
[Regulatory@gurit.com](mailto:Regulatory@gurit.com), [www.Gurit.com](http://www.Gurit.com)

#### 1.4. Emergency telephone number

Emergency number : Carechem 24Hrs: +44 (0) 1273 289451  
Telephone number for use in case of chemical exposure, spillage or fire only.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1, Sub-Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Contains

: benzyl alcohol; Amines, polyethylenepoly-, triethylenetetramine fraction; Phenol, 2,4,6-tris[(dimethylamino)methyl]-; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; 1,5-Pentanediamine, 2-methyl-; Propylene glycol diamine, 2-amino-, diether with Propylene

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Hazard statements (CLP)	: H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Amines, polyethylenepoly-, triethylenetetramine fraction	CAS-No.: 112-24-3; 90640-67-8 EC-No.: 292-588-2 REACH-no: 01-2119487919-13	5 – 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
3-aminomethyl-3,5,5-trimethylcyclohexylamine	CAS-No.: 2855-13-2 EC-No.: 220-666-8 EC Index-No.: 612-067-00-9 REACH-no: 01-2119514687-32	10 – 25	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Chronic 3, H412
Propylene glycol diamine, 2-amino-, diether with Propylene	CAS-No.: 9046-10-0 EC-No.: 618-561-0 REACH-no: 01-2119557899-12	10 – 25	Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
benzyl alcohol	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	3 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319
1,5-Pentanediamine, 2-methyl-	CAS-No.: 15520-10-2 EC-No.: 239-556-6 REACH-no: 01-2119976310-41	3 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 STOT SE 3, H335
Phenol,2,4,6-tris[(dimethylamino)methyl]-	CAS-No.: 90-72-2 EC-No.: 202-013-9 EC Index-No.: 603-069-00-0 REACH-no: 01-2119560597-27	1 – 3	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318

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### Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
3-aminomethyl-3,5,5-trimethylcyclohexylamine	CAS-No.: 2855-13-2 EC-No.: 220-666-8 EC Index-No.: 612-067-00-9 REACH-no: 01-2119514687-32	(0,001 ≤ C ≤ 100) Skin Sens. 1A; H317

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact	: Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Collect contaminated fire fighting water separately. It must not enter drains.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Protective equipment	: Protective clothing.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours.

#### For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe vapours. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Separate working clothes from town clothes. Launder separately. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.  
Maximum storage period : 3 year  
Storage temperature : ≤ 30 °C Possible pressure build-up  
Storage area : Store away from heat. Store in a well-ventilated place.  
Special rules on packaging : Keep only in original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses

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### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Type	Standard
Tyvek® Gown/Coveralls	EN 13034

#### Hand protection:

Protective gloves. Time of penetration is to be checked with the glove producer

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	0 (< 10 minutes)	0.26mm		EN ISO 374

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Respiratory protection			
Device	Filter type	Condition	Standard
Disposable half mask	Gas/vapour filter	Vapour protection	EN 405

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Industrial and professional. Perform risk assessment prior to use. Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: dark orange.
Appearance	: Liquid.
Odour	: Amine-like.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: ≈ 156 °C (estimated value)
Flammability	: Not applicable
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 110,5 °C Closed cup
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: ≈ 11
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 25 °C
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0,97 g/cm <sup>3</sup>
Relative density	: Not available

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Relative vapour density at 20°C : Not available  
Particle characteristics : Not applicable

### 9.2. Other information

#### Other safety characteristics

VOC content : 32,7 – 98 g/l Directive 2004/42/CE

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Product is not explosive.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Ampreg 3X Standard Hardener	
ATE CLP (oral)	1736,659 mg/kg bodyweight
benzyl alcohol (100-51-6)	
LD50 oral	1580 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	> 4178 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)	
LD50 oral rat	1716,2 mg/kg bodyweight
LD50 dermal rabbit	1465,4 mg/kg bodyweight
Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)	
LD50 oral rat	2169 mg/kg

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<b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b>	
LD50 oral rat	1030 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	5,01 mg/l/4h
<b>1,5-Pentanediamine, 2-methyl- (15520-10-2)</b>	
LD50 oral rat	1170 mg/kg
LD50 dermal rabbit	1870 mg/kg
<b>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</b>	
LD50 oral rat	2885 mg/kg
LD50 dermal rabbit	2980 mg/kg
Skin corrosion/irritation	: Causes severe skin burns. pH: ≈ 11
<b>Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)</b>	
pH	13
<b>Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)</b>	
pH	11,3
<b>1,5-Pentanediamine, 2-methyl- (15520-10-2)</b>	
pH	12,1
<b>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</b>	
pH	11,6
Serious eye damage/irritation	: Causes serious eye damage. pH: ≈ 11
<b>Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)</b>	
pH	13
<b>Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)</b>	
pH	11,3
<b>1,5-Pentanediamine, 2-methyl- (15520-10-2)</b>	
pH	12,1
<b>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</b>	
pH	11,6
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
<b>1,5-Pentanediamine, 2-methyl- (15520-10-2)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
<b>benzyl alcohol (100-51-6)</b>	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified

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<b>benzyl alcohol (100-51-6)</b>	
Viscosity, kinematic	0,005 mm <sup>2</sup> /s
<b>Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)</b>	
Viscosity, kinematic	24,691 mm <sup>2</sup> /s
<b>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</b>	
Viscosity, kinematic	10,8 mm <sup>2</sup> /s

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

<b>benzyl alcohol (100-51-6)</b>	
LC50 - Fish [1]	460 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	230 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	770 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	500 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	76828 mg/l Test organisms (species): other:
NOEC chronic fish	48897 mg/l Test organisms (species): other: Duration: '30 d'

<b>Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)</b>	
LC50 - Fish [1]	330 mg/l
EC50 - Crustacea [1]	31,1 mg/l
EC50 72h - Algae [1]	20 mg/l
NOEC chronic algae	< 2,5 mg/l

<b>Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)</b>	
LC50 - Fish [1]	175 mg/l Test organisms (species): Cyprinus carpio
LC50 - Fish [2]	180 – 240 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 72h - Algae [1]	84 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

<b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b>	
EC50 - Crustacea [1]	14,6 – 21,5 mg/l (48 h - Species: Daphnia magna [semi-static])
EC50 72h - Algae [1]	37 mg/l (Species: Desmodesmus subspicatus)

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### 12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
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#### benzyl alcohol (100-51-6)

Persistence and degradability	Rapidly degradable
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#### Amines, polyethylenepoly-, triethylenetetramine fraction (90640-67-8)

Persistence and degradability	Rapidly degradable
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#### Phenol,2,4,6-tris[(dimethylamino)methyl]- (90-72-2)

Persistence and degradability	Rapidly degradable
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#### 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)

Persistence and degradability	Rapidly degradable
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#### 1,5-Pentanediamine, 2-methyl- (15520-10-2)

Persistence and degradability	Rapidly degradable
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#### Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)

Persistence and degradability	Rapidly degradable
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### 12.3. Bioaccumulative potential

#### benzyl alcohol (100-51-6)

Partition coefficient n-octanol/water (Log Pow)	1,1
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#### 3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)

Partition coefficient n-octanol/water (Log Pow)	0,79 (at 23 °C)
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
Ecological information	: Avoid release to the environment.
European List of Waste (LoW, EC 2000/532)	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances




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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
<b>14.1. UN number or ID number</b>		
UN 2735	UN 2735	UN 2735
<b>14.2. UN proper shipping name</b>		
POLYAMINES, LIQUID, CORROSIVE, N.O.S.	POLYAMINES, LIQUID, CORROSIVE, N.O.S.	Polyamines, liquid, corrosive, n.o.s.
<b>Transport document description</b>		
UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine ; Propylene glycol diamine, 2-amino-, diether with Propylene), 8, II, (E)	UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine ; Propylene glycol diamine, 2-amino-, diether with Propylene), 8, II	UN 2735 Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine ; Propylene glycol diamine, 2-amino-, diether with Propylene), 8, II
<b>14.3. Transport hazard class(es)</b>		
8	8	8
		
<b>14.4. Packing group</b>		
II	II	II
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: No
No supplementary information available		

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: C7
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions (ADR)	: T11
Portable tank and bulk container special provisions (ADR)	: TP1, TP27
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80
Orange plates	: 
Tunnel restriction code (ADR)	: E
EAC code	: 2X

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### Transport by sea

Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T11
Tank special provisions (IMDG)	: TP1, TP27
Stowage category (IMDG)	: A
Segregation (IMDG)	: SGG18, SG35
Properties and observations (IMDG)	: Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### VOC Directive (2004/42)

VOC content : 32,7 – 98 g/l Directive 2004/42/CE

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### National regulations

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Japanese Poisonous and Deleterious Substances Control Law  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Revision date	<b>Modified</b>
	Supersedes	<b>Modified</b>
1.1	UFI on SDS 1.1	<b>Added</b>
3	Composition/information on ingredients	<b>Modified</b>

### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A

# Ampreg 3X Standard Hardener

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Full text of H- and EUH-statements:

STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
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### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Acute Tox. 4 (Oral)	H302	Calculation method
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

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