



# WALL HARDENER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 2/23/2021 Revision date: 9/8/2022 Supersedes version of: 5/10/2022 Version: 1.2

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : WALL HARDENER  
Product code : EN-LSBAT-TTDUR-L  
Type of product : Liquid  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : manufacture of binders or hardeners for coating materials or adhesives

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

TOUPRET SA  
24 Rue du 14 juillet  
FR- 91813 Corbeil-Essonnes  
France  
T + 33 (0)1 69 47 20 20 - F + 33 (0)1 60 75 87 11  
[fdstoupret@toupret.fr](mailto:fdstoupret@toupret.fr) - <https://www.toupret.com/>

##### Subsidiary companies

TOUPRET UK LTD  
Capital Business Centre - Unit 58 22 Carlton Road  
UK- CR2 0BS South Croydon  
United Kingdom  
T +44 208 916 2134 - F +44 208 916 2136  
[fdstoupret@toupret.fr](mailto:fdstoupret@toupret.fr) - <https://www.toupret.co.uk/>

#### 1.4. Emergency telephone number

| Country        | Organisation/Company   | Address   | Emergency number | Comment                           |
|----------------|--|---|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital                         | Dudley Road<br>B18 7QH Birmingham                                   | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service<br>(Cardiff Centre)<br>University Hospital Llandough            | Penlan Road<br>CF64 2XX Llandough                                   | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service<br>(Edinburgh Centre)<br>Royal Infirmary of Edinburgh           | Little France Crescent<br>EH16 4SA Edinburgh                        | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust     | Avonley Road<br>SE14 5ER London                                     | +44 20 7188 7188 |                                   |
| United Kingdom | National Poisons Information Service<br>(Newcastle Centre)<br>Regional Drugs and Therapeutics Centre | 16/17 Framlington Place<br>Newcastle-upon-Tyne<br>NE2 4AB Newcastle | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service<br>(Belfast Centre)<br>Royal Victoria Hospital                  | Grosvenor Road<br>BT12 6BA Belfast                                  | 0344 892 0111    | Only for healthcare professionals |

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### SECTION 2: Hazards identification

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

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

|  |      |
|--|------|
| Flammable liquids, Category 2  | H225 |
| Serious eye damage/eye irritation, Category 2                          | H319 |
| Specific target organ toxicity — Single exposure, Category 3, Narcosis | H336 |
| Full text of H- and EUH-statements: see section 16                     |      |

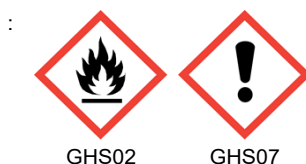
##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: propan-2-ol, ethyl acetate

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P271 - Use only outdoors or in a well-ventilated area.

P405 - Store locked up.

P501 - Dispose of contents and container to a hazardous or special waste collection point.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

propan-2-ol (67-63-0)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, 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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name   | Product identifier   | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                           |
|--|--|-------------|---|
| propan-2-ol<br>substance with national workplace exposure limit(s)<br>(GB) | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0  | ≥ 50 – < 80 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                               |
| ethyl acetate<br>substance with a Community workplace exposure limit       | CAS-No.: 141-78-6<br>EC-No.: 205-500-4<br>EC Index-No.: 607-022-00-5 | ≤ 8.74      | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                               |
| vinyl acetate  | CAS-No.: 108-05-4<br>EC-No.: 203-545-4<br>EC Index-No.: 607-023-00-0 | ≤ 0.115     | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332<br>Carc. 2, H351<br>STOT SE 3, H335 |

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 after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If breathing stops, give artificial respiration. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person. |
| First-aid measures after skin contact | : Take off contaminated clothing. Gently wash with plenty of soap and water. Do not use solvents or thinners.   |
| First-aid measures after eye contact  | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. If eye irritation persists: Get medical advice/attention.  |
| First-aid measures after ingestion    | : Rinse mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this container or label.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : May cause drowsiness or dizziness.  |
| Symptoms/effects after skin contact | : Irritation.   |
| Symptoms/effects after eye contact  | : Eye irritation.   |
| Symptoms/effects after ingestion    | : May cause irritation to the digestive tract. May cause drowsiness or dizziness. |

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

In case of doubt or persistent symptoms, consult always a physician.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO <sub>2</sub> ). |
| Unsuitable extinguishing media | : Do not use a heavy water stream.  |

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

|  |   |
|--|---|
| Fire hazard                                      | : Fire will produce dense black smoke. The vapours are denser than air and may travel along the ground. Distance ignition possible. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.  |

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment.      |
| Other information              | : Do not allow run-off from fire-fighting to enter drains or water courses. |

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### SECTION 6: Accidental release measures

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

General measures : Provide adequate ventilation. Remove ignition sources.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Do not breathe vapours.

##### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. Keep away from ignition sources. Avoid contact with skin and eyes. Do not breathe vapours. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Sweep or shovel spills into appropriate container for disposal.  
Methods for cleaning up : Clean with detergents. Avoid solvent cleaners.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapour concentrations. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Do not breathe vapours. Non-static creating clothing and conductive shoes should be worn.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. Keep away from ignition sources. Access forbidden to unauthorised personnel. Never use pressure to empty container.  
Incompatible materials : Strong acids. Oxidizer. alkaline.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

##### propan-2-ol (67-63-0)

##### United Kingdom - Occupational Exposure Limits

|                       |                       |
|-----------------------|-----------------------|
| Local name            | Propan-2-ol           |
| WEL TWA (OEL TWA) [1] | 999 mg/m <sup>3</sup> |
| WEL TWA (OEL TWA) [2] | 400 ppm               |

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### propan-2-ol (67-63-0)

|                           |                                       |
|---------------------------|---------------------------------------|
| WEL STEL (OEL STEL)       | 1250 mg/m <sup>3</sup>                |
| WEL STEL (OEL STEL) [ppm] | 500 ppm                               |
| Regulatory reference      | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**

Gloves. Safety glasses. Gas mask. Protective clothing.

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



#### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

|   |                              |
|---|------------------------------|
| Physical state                                  | : Liquid                     |
| Colour  | : Colourless.                |
| Odour   | : alcohol.                   |
| Odour threshold                                 | : Not available              |
| Melting point                                   | : -88 °C (PROPAN-2-OL)       |
| Freezing point                                  | : Not available              |
| Boiling point                                   | : 82 °C (PROPAN-2-OL)        |
| Flammability                                    | : Not available              |
| Explosive limits                                | : 2 – 12 vol % (PROPAN-2-OL) |
| Lower explosive limit (LEL)                     | : Not available              |
| Upper explosive limit (UEL)                     | : Not available              |
| Flash point                                     | : 12 °C (PROPAN-2-OL)        |
| Auto-ignition temperature                       | : 425 °C (PROPAN-2-OL)       |
| Decomposition temperature                       | : Not available              |
| pH  | : 9                          |
| Viscosity, kinematic                            | : Not available              |
| Viscosity, dynamic                              | : ≈ 2.43 mPa·s (20°C)        |
| Solubility                                      | : Not miscible.              |
| Partition coefficient n-octanol/water (Log Kow) | : Not available              |
| Vapour pressure                                 | : 48 hPa 20°C, (PROPAN-2-OL) |
| Vapour pressure at 50 °C                        | : Not available              |
| Density   | : Not available              |

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|                                  |                       |
|----------------------------------|-----------------------|
| Relative density                 | : $\approx 0.88$ 20°C |
| Relative vapour density at 20 °C | : 2 (PROPAN-2-OL)     |
| Particle size                    | : Not applicable      |
| Particle size distribution       | : Not applicable      |
| Particle shape                   | : Not applicable      |
| Particle aspect ratio            | : Not applicable      |
| Particle aggregation state       | : Not applicable      |
| Particle agglomeration state     | : Not applicable      |
| Particle specific surface area   | : Not applicable      |
| Particle dustiness               | : Not applicable      |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content :  $\approx 70$  %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reacts exothermically with (some) acids.

### 10.4. Conditions to avoid

Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

Carbon dioxide.

## SECTION 11: Toxicological information

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

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### propan-2-ol (67-63-0)

|               |   |
|---------------|---|
| LD50 oral rat | 5840 mg/kg bodyweight (OECD 401 method) |
|---------------|---|

#### ethyl acetate (141-78-6)

|                    |   |
|--------------------|---|
| LD50 oral          | 4934 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 20000 mg/kg bodyweight Animal: rabbit, Animal sex: male                                 |

|                           |                           |
|---------------------------|---------------------------|
| Skin corrosion/irritation | : Not classified<br>pH: 9 |
|---------------------------|---------------------------|

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|                                   |   |
|-----------------------------------|---|
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 9 |
| Respiratory or skin sensitisation | : Not classified                          |
| Germ cell mutagenicity            | : Not classified                          |
| Carcinogenicity                   | : Not classified                          |
| Reproductive toxicity             | : Not classified                          |
| STOT-single exposure              | : May cause drowsiness or dizziness.      |

### propan-2-ol (67-63-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

### ethyl acetate (141-78-6)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

### vinyl acetate (108-05-4)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

|                        |                  |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
|------------------------|------------------|

### ethyl acetate (141-78-6)

|                            |  |
|----------------------------|--|
| LOAEL (oral, rat, 90 days) | 3600 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test) |
| NOAEL (oral, rat, 90 days) | 900 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)  |

### vinyl acetate (108-05-4)

|  |   |
|--|---|
| NOAEL (subchronic, oral, animal/male, 90 days)   | 285 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)   |
| NOAEL (subchronic, oral, animal/female, 90 days) | 281 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

|                        |   |
|------------------------|---|
| Aspiration hazard      | : Not classified                                |
| Additional information | : May be fatal if swallowed and enters airways. |

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |
| Not rapidly degradable                                    |                  |

### propan-2-ol (67-63-0)

|                      |                                  |
|----------------------|----------------------------------|
| LC50 - Fish [1]      | 10000 mg/l (Pimephales promelas) |
| LC50 - Fish [2]      | 9640 mg/l (Pimephales promelas)  |
| EC50 72h - Algae [1] | > 100 mg/l                       |

### ethyl acetate (141-78-6)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 230 mg/l Test organisms (species): Pimephales promelas            |
| NOEC (chronic)  | 2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

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### vinyl acetate (108-05-4)

|                      |   |
|----------------------|---|
| EC50 - Crustacea [1] | 12.6 mg/l Test organisms (species): Daphnia magna                         |
| NOEC chronic fish    | 0.551 mg/l Test organisms (species): Pimephales promelas Duration: '34 d' |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### WALL HARDENER

|                           |  |
|---------------------------|--|
| Bioaccumulative potential | Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%. |
|---------------------------|--|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### WALL HARDENER

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

|                       |   |
|-----------------------|---|
| propan-2-ol (67-63-0) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|-----------------------|---|

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : 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

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

HP Code : HP3 - "Flammable:"  
— flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;  
— flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;  
— flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;  
— flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;  
— water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;  
— other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.



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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

#### 14.1. UN number or ID number

|               |           |
|---------------|-----------|
| UN-No. (ADR)  | : UN 1263 |
| UN-No. (IMDG) | : UN 1263 |
| UN-No. (IATA) | : UN 1263 |
| UN-No. (ADN)  | : UN 1263 |
| UN-No. (RID)  | : UN 1263 |

#### 14.2. UN proper shipping name

|                                       |  |
|---------------------------------------|--|
| Proper Shipping Name (ADR)            | : PAINT RELATED MATERIAL                       |
| Proper Shipping Name (IMDG)           | : PAINT RELATED MATERIAL                       |
| Proper Shipping Name (IATA)           | : Paint  |
| Proper Shipping Name (ADN)            | : PAINT RELATED MATERIAL                       |
| Proper Shipping Name (RID)            | : PAINT RELATED MATERIAL                       |
| Transport document description (ADR)  | : UN 1263 PAINT RELATED MATERIAL, 3, II, (D/E) |
| Transport document description (IMDG) | : UN 1263 PAINT RELATED MATERIAL, 3, II        |
| Transport document description (IATA) | : UN 1263 Paint, 3, II                         |
| Transport document description (ADN)  | : UN 1263 PAINT RELATED MATERIAL, 3, II        |
| Transport document description (RID)  | : UN 1263 PAINT RELATED MATERIAL, 3, II        |

#### 14.3. Transport hazard class(es)

##### ADR

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (ADR) | : 3 |
| Danger labels (ADR)              | : 3 |
|                                  | :   |



##### IMDG

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IMDG) | : 3 |
| Danger labels (IMDG)              | : 3 |
|                                   | :   |



##### IATA

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IATA) | : 3 |
| Danger labels (IATA)              | : 3 |
|                                   | :   |



##### ADN

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (ADN) | : 3 |
| Danger labels (ADN)              | : 3 |
|                                  | :   |



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### RID

Transport hazard class(es) (RID) : 3  
Danger labels (RID) : 3  
:



### 14.4. Packing group

Packing group (ADR) : II  
Packing group (IMDG) : II  
Packing group (IATA) : II  
Packing group (ADN) : II  
Packing group (RID) : II

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 163, 367, 640C, 650  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28  
Tank code (ADR) : L1.5BN  
Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage - Operation (ADR) : S2, S20  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : •3YE

#### Transport by sea

Special provisions (IMDG) : 163, 367  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP8, TP28  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : B  
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

#### Air transport

PCA Excepted quantities (IATA) : E2

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|  |                 |
|--|-----------------|
| PCA Limited quantities (IATA)                | : Y341          |
| PCA limited quantity max net quantity (IATA) | : 1L            |
| PCA packing instructions (IATA)              | : 353           |
| PCA max net quantity (IATA)                  | : 5L            |
| CAO packing instructions (IATA)              | : 364           |
| CAO max net quantity (IATA)                  | : 60L           |
| Special provisions (IATA)                    | : A3, A72, A192 |
| ERG code (IATA)                              | : 3L            |

### Inland waterway transport

|                                   |                       |
|-----------------------------------|-----------------------|
| Classification code (ADN)         | : F1                  |
| Special provisions (ADN)          | : 163, 367, 640C, 650 |
| Limited quantities (ADN)          | : 5 L                 |
| Excepted quantities (ADN)         | : E2                  |
| Equipment required (ADN)          | : PP, EX, A           |
| Ventilation (ADN)                 | : VE01                |
| Number of blue cones/lights (ADN) | : 1                   |

### Rail transport

|   |                       |
|---|-----------------------|
| Classification code (RID)                                 | : F1                  |
| Special provisions (RID)                                  | : 163, 367, 640C, 650 |
| Limited quantities (RID)                                  | : 5L                  |
| Excepted quantities (RID)                                 | : E2                  |
| Packing instructions (RID)                                | : P001                |
| Special packing provisions (RID)                          | : PP1                 |
| Mixed packing provisions (RID)                            | : MP19                |
| Portable tank and bulk container instructions (RID)       | : T4                  |
| Portable tank and bulk container special provisions (RID) | : TP1, TP8, TP28      |
| Tank codes for RID tanks (RID)                            | : L1.5BN              |
| Transport category (RID)                                  | : 2                   |
| Colis express (express parcels) (RID)                     | : CE7                 |
| Hazard identification number (RID)                        | : 33                  |

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content :  $\approx 70\%$

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

# WALL HARDENER

## Safety Data Sheet

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

### SECTION 16: Other information

**Indication of changes:**

This sheet has been revised completely (changes were not marked).

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                    |
| Carc. 2                             | Carcinogenicity, Category 2  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                          |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| H225                                | Highly flammable liquid and vapour.                                    |
| H319                                | Causes serious eye irritation.   |
| H332                                | Harmful if inhaled.  |
| H335                                | May cause respiratory irritation.                                      |
| H336                                | May cause drowsiness or dizziness.                                     |
| H351                                | Suspected of causing cancer.   |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis |

fds eu toupret

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.