

# RUST REMOVER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 30/06/2017 Revision date: 31/01/2020 Version: 3.0

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

#### 1.1. Product identifier

Product form : Mixtures  
Product name : RUST REMOVER  
Product code : UNIM001  
Type of product : Acids  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Industrial/Professional use spec : Industrial  
Function or use category : Cleaning/washing agents and additives

| Title | Use descriptors        |
|-------|------------------------|
|       | SU3, PC35, PROC5, ERC2 |

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

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

UNIMARINE SERVICES INC.  
60 MARKET SQUARE  
BELIZE CITY  
T +35725331054  
[info@unimarine-services.com](mailto:info@unimarine-services.com)

#### 1.4. Emergency telephone number

Emergency number : +35725331054

### SECTION 2: Hazards identification

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

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

Skin corrosion/irritation, Category 1B H314

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

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

Causes severe skin burns and eye damage. Causes serious eye damage.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (CLP) : P260 - Do not breathe vapours, spray  
P264 - Wash hands thoroughly after handling  
P280 - Wear eye protection, protective clothing, protective gloves  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
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

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### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                        | Product identifier                                                                                   | %       | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------------|------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------|-----------------------------------------------------------------|
| Phosphoric acid             | (CAS No) 7664-38-2<br>(EC No) 231-633-2<br>(EC Index No) 015-011-00-6<br>(REACH-no) 01-2119485924-24 | 25 - 50 | C; R34                                           | Skin Corr. 1B, H314<br>Eye Dam. 1, H318                         |
| Propan-2-ol                 | (CAS No) 67-63-0<br>(EC No) 200-661-7<br>(EC Index No) 603-117-00-0<br>(REACH-no) 01-2119457558-25   | 1 - 9   | F; R11<br>Xi; R36<br>R67                         | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336     |
| Vetalcohol C8-C10 glucoside | (CAS No) ---<br>(EC No) 500-220-1<br>(REACH-no) 01-2119488530-36                                     | 2 - 4   | Xi; R41                                          | Eye Dam. 1, H318                                                |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If medical advice is needed, have product container or label at hand.                                                                                                          |
| 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. Remove/Take off immediately all contaminated clothing. If skin burns appear, call a doctor 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. If eye irritation persists: Get medical advice/attention. |
| 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/injuries                    | : Causes severe skin burns and eye damage.                                             |
| Symptoms/injuries after inhalation   | : May cause respiratory irritation.                                                    |
| Symptoms/injuries after skin contact | : Burns.                                                                               |
| Symptoms/injuries after eye contact  | : Serious damage to eyes.                                                              |
| Symptoms/injuries after ingestion    | : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. |

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| Suitable extinguishing media | : Carbon dioxide. Dry powder. Foam. Sand. Water spray. |
|------------------------------|--------------------------------------------------------|

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

|                                                  |                      |
|--------------------------------------------------|----------------------|
| Fire hazard                                      | : Not flammable.     |
| Hazardous decomposition products in case of fire | : Corrosive vapours. |

### 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. |

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### SECTION 6: Accidental release measures

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

General measures : Evacuate area.

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

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours.

##### 6.1.2. 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".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

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.

### 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 spray, vapours. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. 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. Store away from freezing (avoid freezing during storage).

Incompatible products : Strong bases.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Propan-2-ol (67-63-0) |                                                                 |                                         |
|-----------------------|-----------------------------------------------------------------|-----------------------------------------|
| Belgium               | Local name                                                      | Alcool isopropylique # Isopropylalcohol |
| Belgium               | Limit value (mg/m <sup>3</sup> )                                | 500 mg/m <sup>3</sup>                   |
| Belgium               | Limit value (ppm)                                               | 200 ppm                                 |
| Belgium               | Short time value (mg/m <sup>3</sup> )                           | 1000 mg/m <sup>3</sup>                  |
| Belgium               | Short time value (ppm)                                          | 400 ppm                                 |
| France                | Local name                                                      | Alcool isopropylique                    |
| France                | VLE (mg/m <sup>3</sup> )                                        | 980 mg/m <sup>3</sup>                   |
| France                | VLE (ppm)                                                       | 400 ppm                                 |
| France                | Note (FR)                                                       | Valeurs recommandées/admises            |
| Germany               | Local name                                                      | Propan-2-ol                             |
| Germany               | TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> ) | 500 mg/m <sup>3</sup>                   |
| Germany               | TRGS 900 Occupational exposure limit value (ppm)                | 200 ppm                                 |
| Germany               | Remark (TRGS 900)                                               | DFG, Y                                  |
| Spain                 | Local name                                                      | Isopropanol (Alcohol isopropílico)      |
| Spain                 | VLA-ED (mg/m <sup>3</sup> )                                     | 500 mg/m <sup>3</sup>                   |
| Spain                 | VLA-ED (ppm)                                                    | 200 ppm                                 |
| Spain                 | VLA-EC (mg/m <sup>3</sup> )                                     | 1000 mg/m <sup>3</sup>                  |
| Spain                 | VLA-EC (ppm)                                                    | 400 ppm                                 |

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| Propan-2-ol (67-63-0)       |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spain                       | Notes                                              | VLB® (Agente químico que tiene Valor Límite Biológico específico en este documento), s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltese: Base de datos de productos biocidas: <a href="http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas">http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas</a> Base de datos de productos fitosanitarios: <a href="http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf">http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf</a> ).                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Phosphoric acid (7664-38-2) |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EU                          | Local name                                         | Orthophosphoric acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EU                          | IOELV TWA (mg/m³)                                  | 1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EU                          | IOELV STEL (mg/m³)                                 | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Belgium                     | Local name                                         | Acide phosphorique                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Belgium                     | Limit value (mg/m³)                                | 1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Belgium                     | Short time value (mg/m³)                           | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Germany                     | Local name                                         | Orthophosphorsäure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Germany                     | TRGS 900 Occupational exposure limit value (mg/m³) | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Germany                     | Remark (TRGS 900)                                  | DFG,EU,AGS,Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Italy                       | Local name                                         | Acido ortofosforico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Italy                       | OEL TWA (mg/m³)                                    | 1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Italy                       | OEL STEL (mg/m³)                                   | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Netherlands                 | Local name                                         | Fosforzuur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Netherlands                 | Grenswaarde TGG 8H (mg/m³)                         | 1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Netherlands                 | Grenswaarde TGG 15MIN (mg/m³)                      | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Spain                       | Local name                                         | Ácido ortofosfórico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Spain                       | VLA-ED (mg/m³)                                     | 1 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Spain                       | VLA-EC (mg/m³)                                     | 2 mg/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Spain                       | Notes                                              | VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.), s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltese: Base de datos de productos biocidas: <a href="http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas">http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas</a> Base de datos de productos fitosanitarios: <a href="http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf">http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf</a> ). |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

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In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Physical state                             | : Liquid                               |
| Appearance                                 | : Colorless to pale yellow liquid.     |
| Colour                                     | : light yellow.                        |
| Odour                                      | : Acidic.                              |
| Odour threshold                            | : No data available                    |
| pH                                         | : 0 - 1                                |
| Relative evaporation rate (butylacetate=1) | : No data available                    |
| Melting point                              | : No data available                    |
| Freezing point                             | : No data available                    |
| Boiling point                              | : No data available                    |
| Flash point                                | : No data available                    |
| Auto-ignition temperature                  | : No data available                    |
| Decomposition temperature                  | : No data available                    |
| Flammability (solid, gas)                  | : Not applicable                       |
| Vapour pressure                            | : No data available                    |
| Relative vapour density at 20 °C           | : No data available                    |
| Relative density                           | : No data available                    |
| Density                                    | : 1,14 - 1,18 kg/m <sup>3</sup>        |
| Solubility                                 | : Soluble in water.<br>Water: complete |
| Log Pow                                    | : No data available                    |
| Viscosity, kinematic                       | : No data available                    |
| Viscosity, dynamic                         | : No data available                    |
| Explosive properties                       | : No data available                    |
| Oxidising properties                       | : No data available                    |
| Explosive limits                           | : No data available                    |

### 9.2. Other information

|                         |      |
|-------------------------|------|
| Minimum ignition energy | : >= |
|-------------------------|------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts exothermically with (some) bases.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong bases.

### 10.6. Hazardous decomposition products

Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Acute toxicity            | : Not classified                                        |
| Skin corrosion/irritation | : Causes severe skin burns and eye damage.<br>pH: 0 - 1 |

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|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 0 - 1 |
| Respiratory or skin sensitisation | : Not classified                          |
| Germ cell mutagenicity            | : Not classified                          |
| Carcinogenicity                   | : Not classified                          |

| Vetalcohol C8-C10 glucoside (---)           |                       |
|---------------------------------------------|-----------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 1000 mg/kg bodyweight |
| Reproductive toxicity                       | : Not classified      |
| STOT-single exposure                        | : Not classified      |
| STOT-repeated exposure                      | : Not classified      |
| Aspiration hazard                           | : Not classified      |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

| Vetalcohol C8-C10 glucoside (---) |                                      |
|-----------------------------------|--------------------------------------|
| LC50 fish 1                       | 100 - 126 Danio rerio - OCDE 203     |
| EC50 Daphnia 1                    | > 100 mg/l Daphnia magna - OCDE 202  |
| ErC50 (algae)                     | 27 - 37 mg/l Desmodesmus subspicatus |

### 12.2. Persistence and degradability

| RUST REMOVER                  |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability | This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |

### 12.3. Bioaccumulative potential

| Vetalcohol C8-C10 glucoside (---) |        |
|-----------------------------------|--------|
| Log Pow                           | < 1,77 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                |                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------|
| Regional legislation (waste)   | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods        | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Waste disposal recommendations | : Avoid release to the environment.                                                           |

## SECTION 14: Transport information

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

### 14.1. UN number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : 3264           |
| UN-No. (IMDG) | : 3264           |
| UN-No. (IATA) | : 3264           |
| UN-No. (ADN)  | : Not applicable |
| UN-No. (RID)  | : Not applicable |

### 14.2. UN proper shipping name

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| Proper Shipping Name (ADR)  | : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. |
| Proper Shipping Name (IMDG) | : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. |
| Proper Shipping Name (IATA) | : Not applicable                              |
| Proper Shipping Name (ADN)  | : Not applicable                              |

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|                                       |                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------|
| Proper Shipping Name (RID)            | : Not applicable                                                                    |
| Transport document description (ADR)  | : UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid), 8, II, (E) |
| Transport document description (IMDG) | : UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III                       |
| Transport document description (IATA) | : UN 3264 , 8                                                                       |

### 14.3. Transport hazard class(es)

#### ADR

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (ADR) | : 8 |
| Danger labels (ADR)              | : 8 |



#### IMDG

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IMDG) | : 8 |
| Danger labels (IMDG)              | : 8 |



#### IATA

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IATA) | : 8 |
|-----------------------------------|-----|

#### ADN

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (ADN) | : Not applicable |
|----------------------------------|------------------|

#### RID

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (RID) | : Not applicable |
|----------------------------------|------------------|

### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : II             |
| Packing group (IMDG) | : III            |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 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)                                 | : C1          |
| 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) | : TP2, TP27   |
| Tank code (ADR)                                           | : L4BN        |
| Vehicle for tank carriage                                 | : AT          |

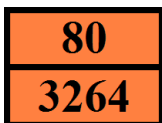
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Transport category (ADR) : 2  
Hazard identification number (Kemler No.) : 80  
Orange plates :



Tunnel restriction code (ADR) : E  
EAC code : 2X  
APP code : B

### - Transport by sea

Special provisions (IMDG) : 223, 274  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T7  
Tank special provisions (IMDG) : TP1, TP28  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : A  
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.  
MFAG-No : 154

### - Air transport

No data available

### - Inland waterway transport

Not applicable

### - Rail transport

Not applicable

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

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

#### 15.1.2. National regulations

##### Germany

VwVwS Annex reference : Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)  
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

# RUST REMOVER

## Safety Data Sheet



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-statements:

|               |                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------|
| Eye Dam. 1    | Serious eye damage/eye irritation, Category 1                                                                              |
| Eye Irrit. 2  | Serious eye damage/eye irritation, Category 2                                                                              |
| Flam. Liq. 2  | Flammable liquids, Category 2                                                                                              |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B                                                                                     |
| STOT SE 3     | Specific target organ toxicity — Single exposure, Category 3, Narcosis                                                     |
| H225          | Highly flammable liquid and vapour                                                                                         |
| H314          | Causes severe skin burns and eye damage                                                                                    |
| H318          | Causes serious eye damage                                                                                                  |
| H319          | Causes serious eye irritation                                                                                              |
| H336          | May cause drowsiness or dizziness                                                                                          |
| R11           | Highly flammable                                                                                                           |
| R34           | Causes burns                                                                                                               |
| R36           | Irritating to eyes                                                                                                         |
| R41           | Risk of serious damage to eyes                                                                                             |
| R67           | Vapours may cause drowsiness and dizziness                                                                                 |
| C             | Corrosive                                                                                                                  |
| F             | Highly flammable                                                                                                           |
| Xi            | Irritant                                                                                                                   |
| ERC2          | Formulation of preparations                                                                                                |
| PC35          | Washing and cleaning products (including solvent based products)                                                           |
| PROC5         | Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) |
| SU3           | Industrial uses: Uses of substances as such or in preparations* at industrial sites                                        |

SDS EU (REACH Annex II)

*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*