

# Safety DataSheet Evapo-Rust

## **SAFETY DATA SHEET – EVAPO-RUST**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

### **1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Product identifier**

Product Name	EVAPO-RUST	
Trade name	EVAPO-RUST	
CAS No.		n/a
EINECS No.		n/a

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

Identified use(s)	Removing rust
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#### **1.3 Details of the supplier of the safety data sheet**

Company Identification	Ströbel GmbH
Company Address	Mühlsteig 31-33, 90579 D-Langenzenn
Telephone	+499101 - 99420
Fax	+499101 - 994219
E-Mail (competent person)	<a href="mailto:info@stroebel.de">info@stroebel.de</a>

#### **1.4 Emergency telephone number**

Emergency Phone No.	+1-708-293-7750
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### **2 HAZARDS IDENTIFICATION**

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

NOT CLASSIFIED AS HAZARDOUS

#### **2.1 Regulation (EC) No. 1272/2008 (CLP)**

Classification according to Regulation (EC) No 1272/2008 (CLP)

#### **2.1 Directive 67/548/EEC & Directive 1999/45/EC**

Classification according to Directive 1999/45/EC  
Not classified as hazardous.

#### **2.2 Label elements**

##### **2.2.1 Label elements**

According to Regulation (EC) No 1272/2008 (CLP)

GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach

Not applicable

Hazard statement(s)

Not applicable

Precautionary statement(s)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	REACH according to Directive 67/548/EEC	CLP/GHS according to Regulation EC/1272/2008
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W		
Water		7732-18-5	> 83%*		
Proprietary non-hazardous chelating agent		Proprietary	< 16%*		
Proprietary non-hazardous detergent		Proprietary	< 1%*		

### 4 FIRST AID MEASURES

#### 4.1 Description of first aid measures (Symptoms)

Inhalation  
Skin Contact  
Eye Contact  
Ingestion  
Additional Information

With normal use should not present a hazard  
May cause mild irritation to sensitive skin  
May cause irritation.  
May cause irritation to the mouth, throat and digestive tract  
Symptomatic treatment



#### 4.2 Description of first aid measures (Actions)

Inhalation

If affected, remove to fresh air, keep warm and at rest.  
Obtain medical attention in severe cases.  
Wash skin with water. In severe cases consult a doctor.  
In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists  
Do not give anything by mouth to an unconscious person.  
Wash out mouth with water and give copious amounts of water to drink.  
Do not induce vomiting. Obtain medical advice if patient unwell.  
Always launder contaminated clothing before re-use

Skin Contact  
Eye Contact

Ingestion:

Additional Information

### 5 FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing Media

Product not flammable. Water spray, foam, dry powder or CO2 for surrounding fires.

#### 5.2 Special hazards arising from the

Substance or mixture  
Exposure hazards

In combustion emits toxic fumes

#### 5.3 Advice for fire-fighters

Special protective equipment for fire fighters

Full protective equipment including self-contained respiratory protection

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### **6 ACCIDENTAL RELEASE MEASURES**

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|--|--|
| <b>6.1</b> Personal precautions, protective equipment and emergency procedures | Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. |
| <b>6.2</b> Environmental precautions   | Do not discharge into drains or rivers. Contain the spillage using bunting.  |
| <b>6.3</b> Methods and material for containment and cleaning up                | Pick up and return to container if usable.   |
| <b>6.4</b> Reference to other sections   |  |
| <b>6.5</b> Additional Information  | Spillages will prove slippery if product gets wet  |

### **7 HANDLING AND STORAGE**

- |   |   |
|---|---|
| <b>7.1</b> Precautions for safe handling                                | Avoid contact with eyes.  |
| <b>7.2</b> Conditions for safe storage, including any incompatibilities | Keep in original containers<br>Storage Class (TRGS510): 12                  |
| <b>7.3</b> Suitable packagine   | Keep in original containers   |
| <b>7.3</b> Specific end use(s)  | Keep tightly closed when not in use<br>Do not store below 5°C or above 30°C |

### **8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1 Control Parameters**

Hazardous Ingredients

NO OCCUPATIONAL LIMITS ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

#### **8.2 Exposure Controls**

Engineering measures

Not required under normal circumstances.

Respiratory Protection

Not necessary under normal usage

Hand Protection

Not necessary

Eye Protection

Not necessary

Skin Protection

Not necessary

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Form:	Liquid
Odor:	None
Color:	Pale to yellow
Viscosity:	As water
pH (Value):	6.1
Density (g/ml):	1.042
Boiling Point:	212 F
Flash Point:	Not Applicable
Melting Point:	Not Applicable
Pour Point (Deg C):	Not Applicable
Auto Ignition Temp.	Not Applicable
Vapor Pressures:	Not Applicable
Solubility (water):	Complete
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidizing Props.	Not Applicable

#### 9.2 Other information

Not applicable

### 10 STABILITY AND REACTIVITY

#### 10.1 Reactivity

Not expected to be reactive.

#### 10.2 Chemical Stability

Stable under normal conditions

#### 10.3 Possibility of hazardous reactions

No polymerisation reaction expected

#### 10.4 Conditions to avoid

Extremes of temperature and moisture

#### 10.5 Incompatible materials

Strong oxidizing/reducing agents

#### 10.6 Hazardous decomposition products

Burning produces Oxides of Carbon

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### 11 TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### Toxicity values

Route	Species	Test	Value	Classification
Eye	Rabbit	Ocular Irritation	MMTS: 0.0 (Average) irritation score	Non-irritating. No irritation was observed during the study.
Skin	Rat	Acute Dermal Toxicity	Dose Level: 2000 mg/kg	In Acute Dermal Toxicity test on Evapo-Rust, all rats survived the 14 day observation period following exposure. The LD50 for this product is greater than 2000 mg/kg.
Skin	Rat	Dermal Irritation	Primary Dermal Irritation Index (PDII): 0.9 (Average irritation score)	Not a primary skin irritant
Ingestion	Rat	LD-50	> 5 g/kg body weight	Non-Toxic

##### Relevant effects for mixture

Effect	Route	Basis
No other data available		

#### 11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact.
Eye Contact	May cause mild irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also cause nausea.
Inhalation	Under normal use should not present a hazard.

### 12 ECOLOGICAL INFORMATION

#### 12.1 Toxicity

##### Eco Toxicity values

Species	Test	Value	Units
No testing on this product.			

#### 12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) 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

No bioaccumulation potential.

#### 12.4 Mobility in soil

Readily absorbed into soil

#### 12.5 Results of PBT and vPvB assessment

Does not contain PBT or vPvB substances.

#### 12.6 Other Adverse Effects

Negligible ecotoxicity.

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### **13 DISPOSAL CONSIDERATIONS**

#### **13.1 Waste treatment methods**

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

**NB:** The users attention is drawn to the possible existence of regional or national regulations regarding disposal.

### **14 TRANSPORT INFORMATION**

**14.1 UN Number** Not regulated for transport

**14.2 UN Proper shipping name**

**14.3 Transport hazard class(es)** This product is not classified according to ADR/RID.

<b>ARD/RID</b>	:	<b>Class</b>
<b>IMDG</b>	:	<b>Proper shipping name</b>
<b>IATA</b>	:	<b>Proper shipping name</b>

**14.4 Packing Group**

**14.5 Environmental hazards**

Environmental hazardous	No
Marine pollutant	No

**14.6 Special precautions for user** Not applicable

### **15 REGULATORY INFORMATION**

**This preparation was classified in compliance with the following directions and regulations**

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

**Other provisions**

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Regulations for Safety, Health and Environment Protection / specific legislation for ingredient or mixture  
Water Hazard Class (WHC)

Class 1 (slightly hazardous to water). Classification according to VwVwS

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### **15 REGULATORY INFORMATION (continued)**

#### **15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for the substance or mixture by the supplier.

### **16 OTHER INFORMATION**

#### **16.1 Phrases used in Sections 2 and 3**

Hazard Statements

None

Risk phrases

None

#### **16.2 Other information**

None