

## 1. Identification

### 1.1. Product identifier

**Product Identity** Evapo-Rust

**Alternate Names** Evapo-Rust

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

**Intended use** See Technical Data Sheet.

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

**Company Name** Orison Marketing, LLC  
4801 South Danville Drive  
Abilene, TX 79602

### Emergency

**CHEMTREC (USA)** (800) 424-9300

**24 hour Emergency Telephone No.** (325) 692-1135 or US: 800-460-2403

**Customer Service: Orison Marketing, LLC** US: 800-460-2403

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

No applicable GHS categories.

### 2.2. Label elements

**[Prevention]:**

No GHS prevention statements

**[Response]:**

No GHS response statements

**[Storage]:**

No GHS storage statements

**[Disposal]:**

No GHS disposal statements

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Water (7732-18-5)	>83		
Proprietary non-hazardous chelating agent	5 - 16	Eye Irrit. 2;H319	[1]
Proprietary non-hazardous detergent	<1	Eye Dam. 1;H318	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Non-reactive - No First Aid Needed
<b>Eyes</b>	Not an eye irritant, MMTS = 0.0. Rinse thoroughly with plenty of water.
<b>Skin</b>	Not a skin irritant, PDII = 0.9. Not dermally toxic, LD50 > 2000 mg/kg.
<b>Ingestion</b>	Product is non-toxic. Evapo-Rust tested to be non-toxic when orally dosed at a concentration of 5 g/kg in rats. If necessary, give victim two glasses of water and INDUCE VOMITING by using ipecac syrup or placing two fingers at the back of the throat. Get immediate attention. Do not give anything by mouth to an unconscious person.

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

<b>Overview</b>	Effects of overexposure:  Eye: None  Ingestion: Nausea  Inhalation: None  Skin: None  Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.
<b>Eyes</b>	Causes serious eye damage.

### Section 5. Fire-fighting measures

**5.1. Extinguishing media**

Dry chemical, CO2

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

Hazardous decomposition: Oxides of Carbon

**5.3. Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

Wear SCBA and all protective equipment

ERG Guide No. ----

**Section 6. Accidental release measures**

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

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

Filter and reuse or dispose directly by flushing area with water into sewer.

**Section 7. Handling and storage**

**7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

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

Incompatible materials: Avoid contact with strong oxidizing agents or other reactive materials.

Low temperatures can cause handling problems. Viscosity of material will increase. No special restrictions on storage with other products.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]:

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

No data available.

**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
	Proprietary non-hazardous chelating agent	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
	Proprietary non-hazardous detergent	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

**8.2. Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
- Eyes** Not an eye irritant, MMTS = 0.0. Safety glasses may be used.
- Skin** Not a skin irritant, PDII = 0.9. Not dermally toxic, LD50 > 2000 mg/kg. Gloves can help retain natural moisture.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

**Section 9. Physical and chemical properties**

<b>Appearance</b>	Light amber to yellow Liquid
<b>Odor</b>	Slight/Pleasant odor
<b>Odor threshold</b>	Not determined
<b>pH</b>	5.7 - 6.3
<b>Melting point / freezing point</b>	Not Applicable
<b>Initial boiling point and boiling range</b>	> 200 F
<b>Flash Point</b>	None to 212 F
<b>Evaporation rate (Ether = 1)</b>	> 1, same as water (ether = 1)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Applicable
<b>Vapor Density</b>	Not Applicable
<b>Relative Density</b>	1.036 - 1.042
<b>Solubility in Water</b>	Not Measured
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured



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Decomposition temperature Not Measured  
 Viscosity (cSt) Same as water (at 25 C)  
 Volatiles (by weight) > 85%  
 Freezing Point 32 F/0 C

## 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

High Temperatures

### 10.5. Incompatible materials

Avoid contact with strong oxidizing agents or other reactive materials.

### 10.6. Hazardous decomposition products

Oxides of Carbon

## Section 11. Toxicological information

### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Proprietary non-hazardous chelating agent	No data available	No data available	No data available	No data available	No data available
Proprietary non-hazardous detergent	> 5,000.00, Rat - Category: NA	50,001.00, Rabbit - Category: NA	No data available	No data available	No data available

### Carcinogen Data

CAS No.	Ingredient	Source	Value
	Proprietary non-hazardous chelating agent	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
	Proprietary non-hazardous detergent	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No

	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
	ACGIH	No Established Limit
Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Proprietary non-hazardous chelating agent	Not Available	Not Available	Not Available
Proprietary non-hazardous detergent	Not Available	> 1,000, Daphnia magna	1,001.00 (72 hr), Pseudokirchnerella subcapitata

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal considerations

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**Section 14. Transport information**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>			
	Not Applicable		

**Section 15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**US EPA Tier II Hazards**

**Fire:** No  
**Sudden Release of Pressure:** No  
**Reactive:** No  
**Immediate (Acute):** No  
**Delayed (Chronic):** No

**EPCRA 302 Extremely Hazardous:**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**  
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**  
This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**Section 16. Other information****SDS Revision Date** 09/10/2020

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.

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