

# PRODUCT SAFETY DATA SHEET

Product name: **Rust Defender**



SDS Version: 1

Revision date: 02/18/2016

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name: **Rust Defender**

Intended Use: Automotive

**The Clausen Company.**  
**1055 King George Post Road**  
**Edison, New Jersey 08837**  
**USA +1 732-738-1165**

Emergency telephone number:  
1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Substance or mixture classification

**GHS Classification in accordance with 29 CFR 1910.1200(d)**

Flammable Liquid - Category 3

Skin Irritation - Category 2

Eye Irritation - Category 2A

Carcinogen - Category 2

Specific Target Organ Toxicity / Single Exposure – Category 1 (Respiratory and CNS)

Specific Target Organ Toxicity / Repeated Exposure – Category 1 (Auditory System)

### 2.2 GHS Label Elements

Pictogram



Signal Word

Danger

Hazard Statement(s)

Highly flammable liquid and vapors.  
Causes skin irritation.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May cause respiratory irritation or drowsiness or dizziness  
Causes damage to the auditory system through prolonged or repeated exposure.

Precautionary Statement(s)

Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Do not eat, drink, or smoke when handling this product.  
Wash hands thoroughly after handling.  
Wear protective clothing and eye/face protection.  
Keep away from heat/sparks/open flames/hot surfaces.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Use only outdoors or in a well-ventilated area.  
Keep container tightly closed.  
If used in an environment with limited ventilation, use explosion-proof electrical/ventilating/lighting equipment.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If skin or eye irritation occurs or persists: Seek medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: get medical advice/attention.  
If exposed or concerned: Get medical advice/attention.  
Wash contaminated clothing before reuse.

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Storage Store is a controlled location.  
Keep container tightly closed.  
Store in a cool, well ventilated place.

Disposal Dispose of waste material in accordance with local regulations.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous Components:

Chemical name	CAS No.	Concentration in Product
Acetone	67-64-1	Trade Secret
Methyl Isobutyl Ketone	108-10-1	Trade Secret
Styrene	100-42-5	Trade Secret
Talc	238-877-9	Trade Secret
Titanium Dioxide	13463-67-7	Trade Secret

## 4. FIRST-AID MEASURES

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable or breathing is difficult: Seek hospital and bring along these instructions.

Skin contact: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

Eye contact: Do not rub eye. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. If ingestion is suspected after rinsing mouth, seek hospital and bring along these instructions. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide, foam, water fog, or dry chemical.

Special hazards: Extremely flammable.  
Acetone vapors may form explosive mixtures in air.  
During fire, gases hazardous to health may be formed.  
Acetone and styrene vapors are heavier than air and may travel some distance from their source before igniting.  
Wear a self-contained breathing apparatus in fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

Under normal handling conditions an accidental release is highly unlikely.

Personal precautions: Keep unauthorized persons away. For personal protection, see section 8. Avoid any exposure. Follow precautions for safe handling described in this safety data sheet.

Methods for cleaning up: Collect spillage with a moist cloth. For waste disposal, see section 13.

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## 7. HANDLING AND STORAGE

- Safe handling advice:** Observe good manufacturing hygiene practices.  
If container is broken: avoid inhalation or contact with eyes, skin, and clothing.  
Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.  
Wash hands and any exposed skin after removal of PPE.  
Launder contaminated clothing prior to reuse.
- Technical measures:** Work practice should minimize contact. Keep the workplace clean. Do not eat, drink or smoke when using the product. Do not store tobacco, food or beverage in work rooms or areas where the product is used.
- Technical measures for safe storage:** Store in a cool, well ventilated place.
- Storage conditions:** Store under controlled conditions.
- Specific end use:** None other than those listed in Section 1.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	CAS No.	Value	Control Parameters	Basis
Acetone	67-64-1	TWA	1,000 ppm	OSHA PEL
		TWA	250 ppm	NIOSH REL
		TWA	250 ppm	ACGIH TLV
		STEL	500 ppm	
		TWA	500 ppm	Safe Work Australia
		STEL	1000 ppm	
Methyl Isobutyl Ketone	108-10-1	TWA	100 ppm	OSHA PEL
		TWA	50 ppm	NIOSH REL
		STEL	75 ppm	
		TWA	20 ppm	ACGIH TLV
		STEL	75 ppm	
Styrene	100-42-5	TWA	50 ppm	NIOSH REL
		STEL	100 ppm	Safe Work Australia
		TWA	100 ppm	OSHA PEL
		CEILING	200 ppm 600 ppm 5-minute max in any 3 hours	
		TWA	20 ppm	ACGIH TLV
		STEL	40 ppm	
Talc	14807-96-6	TWA	2 mg/m <sup>3</sup> (respirable)	NIOSH PEL
		TWA	20 mppcf*	OSHA PEL
		TWA	2 mg/m <sup>3</sup>	Safe Work Australia
		TWA	2 mg/m <sup>3</sup> (respirable)	ACGIH TLV
Titanium Dioxide	13463-67-7	TWA	10 mg/m <sup>3</sup>	ACGIH TLV Safe Work Australia
		TWA	15 mg/m <sup>3</sup> (total dust)	OSHA PEL

\* mppcf – million particles per cubic foot

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## During normal handling of Product:

Exposure controls: Minimize the risk of eye contact with dust including inadvertent exposure from touching eyes with contaminated gloves or hands.

Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Neoprene or nitrile apron, long sleeve shirt, full-length pants.

Hand Protection: Neoprene or nitrile gloves

Hygiene measures: Wash hands after handling. When using do not eat, drink or smoke. In the event of contact with the product. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Launder contaminated clothing prior to reuse.

Environmental Exposure Controls: Use in a well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Paste Color: Various
Odor:	Characteristic solvent odor
Odor threshold	No data available
Specific gravity:	1.2 g/mL at 25° C
pH:	No data available
Melting point:	No data available
Boiling point:	No data available
Flash point:	No data available
Evaporation rate:	Slower than ether
Flammability:	No data available
Explosion limits:	No data available
Relative density:	No data available
Solubility:	Insoluble in water
Partition coefficient: (n-octanol/water)	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available

## 10. STABILITY AND REACTIVITY

Reactivity and Chemical Stability:	Stable under normal conditions of use. Avoid strong acids and alkalis; oxidizing agents.
Conditions/materials to avoid:	Heat, flames and sparks Keep away from direct sunlight
Hazardous decomposition products:	No data available

## 11. TOXICOLOGICAL INFORMATION

**General Information:** The information included in this section describes the potential hazards of the hazardous components listed in Section 2. **The product (mixture) has not been tested.**

Inhalation: No data available

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Skin contact: No data available  
Eye contact: No data available  
Ingestion: No data available  
Specific effects: No information available  
Carcinogenicity: Styrene

ACGIH – Not classifiable as a human carcinogen (A4)  
IARC - Possibly carcinogenic to humans (Group 2)  
NTP - Reasonably anticipated to be a human carcinogen

Titanium Dioxide –The non-bound form (airborne, unbound particles of respirable size)

*NOTE: Titanium dioxide is in a state where it is bound within the product matrix.*

ACGIH – Not classifiable as a human carcinogen (A4)  
IARC - Possibly carcinogenic to humans (Group 2)  
NTP – Not listed

## 12. ECOLOGICAL INFORMATION

**General Information:** The product (mixture) has not been tested.

Toxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Other adverse effects: None known.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

No data available

## 15. REGULATORY INFORMATION

No data available

## 16. OTHER INFORMATION

**Date of SDS Preparation: 02/18/2016**  
**Current Version Preparation: 02/18/2016**

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions. The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.