

SDS# CR-1  
Date: May 2015

Total Pages: 5

# Rust Breaker

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Rust Breaker  
**Catalog Number:** CR-1  
**Manufactured by:** DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA, 30097  
**Information Phone No.:** 1+678.542.3600  
**EMERGENCY Phone No.:** 1 800.255.3924 Chem-Tel (Chemical Emergencies)  
**SDS DATE REVISED:** 05/14/2015  
**PREPARED BY:** V. Leone

## SECTION 2. HAZARDOUS IDENTIFICATION

### GHS Classification:

Skin Irritation Category 2  
Eye Irritation Category 2B  
Carcinogen Category 2  
Specific Target Organ Toxicity- Single Exposure Category 2  
Specific Target Organ Toxicity- Repeat Exposure Category 2

### Label Elements:



**Signal Word** Warning!

### Hazard Statement(s)

H305 May be harmful if swallowed and enters airways.  
H316 Causes mild skin irritation.  
H320 Causes eye irritation.  
H315 Causes skin irritation.

### Precautionary statement(s)

P102 Keep out of reach of children.  
P103 Read label before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P232 Protect from moisture.  
P233 Keep container tightly closed.  
P235 Keep cool.  
P260 Do not breathe vapours or spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash thoroughly after handling.  
P280 Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.  
P285 In case of inadequate ventilation wear respiratory protection.

P309 IF you feel unwell: Consult medical advice or attention  
P301 IF SWALLOWED: If more than several ounces of material are swallowed, DO NOT induce vomiting. Give two 16 ounce glasses of water and get medical attention or call the nearest poison control center for advice.

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## SECTION 2. HAZARDOUS INGREDIENTS INFORMATION (cont.)

- P302 IF ON SKIN: Remove contaminated clothing. Wash exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the effected person should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.
- P304 IF INHALED: Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area. Seek medical aid if breathing does not return to normal within 15 minutes.
- P305 IF IN EYES: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
- P402 Store in a dry place.
- P403 Store in a well-ventilated place.
- P501 **Material Disposal:** Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste collection and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or water courses.
- Container Disposal:** Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.
- Local Legislation:** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

NFPA/HMIS III Ratings: Health: 1 Flammability: 1 Reactivity: 0  
Refer to NFPA 704 "Identification of the Fire Hazards of materials" for further information

### HMIS III®

Health	1
Flamability	1
Physical Hazard	0
Personal Protection	B

## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Aromatic Petroleum Naphtha	64742-47-8	265-149-8	>80	H304: Aspiration hazard	Category 1
				H315: Causes skin irri.	Category 2
				H336: Specific target Organ toxicity- exposure	Category 3
				H411: Chronic hazards To the aquatic environment	Category 2
Naphtha, Heavy,	64742-30-9	265-150-3	<20	H304: Aspiration hazard	Category 1
				Hydro-treated	
				H315: Causes skin irri.	Category 2
				H336: Specific target Organ toxicity- Single exposure	Category 3

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## SECTION 4. FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**Inhalation:** Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area. Seek medical aid if breathing does not return to normal within 15 minutes.

**Ingestion:** If more than several ounces of material are swallowed, DO NOT induce vomiting. Give two 16 ounce glasses of water and get medical attention or call the nearest poison control center for advice.

**Skin Contact:** Remove contaminated clothing. Wash exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the effected person should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.

**Eye Contact:** Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

### 4.2. Signs and Symptoms of Exposure:

**Inhalation:** If sprayed or misted may cause chemical pneumonitis. This product is not toxic by inhalation.

**Ingestion:** Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea.

**Skin Contact:** Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

**Eye Contact:** May cause eye temporary irritation or discomfort.

**Aggravated Medical Condition:** Contact or breathing mists may exacerbate existing skin or respiratory disorders.

## SECTION 5. FIREFIGHTING MEASURES

### Suitable and Unsuitable Extinguishing Media:

Any extinguisher suitable for Class B fires, dry chemical, CO<sub>2</sub>, water spray or firefighting foam.

### Special Equipment and Precautions for Fire-Fighters:

Firefighters should wear NIOSH/MSHA-approved pressure-demand self-contained breathing apparatus with full face piece and full protective clothing. Isolate area around container involved in fire.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear recommended protective clothing, including splash-proof goggles, rubber gloves, and rubber overshoes. Remove all contaminated clothing immediately. Remove unnecessary personnel from the area. Floors may be slippery; use care to avoid falling. Dike the spill immediately with inert materials to prevent the spread of liquid. Absorb the liquid with an inert absorbent such as sand, dirt, vermiculite or "oil-dri", or use commercial oil absorbent pads. Transfer absorbed material to suitable containers, and dispose of in accordance with local, state, and federal regulations. DO NOT contaminate municipal sewers or other open bodies of water with runoff.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with skin, eyes, and clothing. Keep this and all chemicals out of the reach of children.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry, cool, well-ventilated area. Empty containers retain residue and can be dangerous. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Airborne Exposure Limits:

ACGIH: 200 mg/m<sup>3</sup>

**Appropriate Engineering Controls:** Local exhaust is recommended when used in enclosed areas. Use in a well-ventilated area. If mist is being generated and exceeds the TLV, a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

**Skin Protection:** Neoprene or nitrile gloves recommended to minimize skin contact. Other materials may be used if there is documented evidence of compatibility.

**Eye Protection:** Safety glasses (ANSI Z87.1) or approved equivalent.



**Other Protective Clothing:** Neoprene aprons, overshoes, over-sleeves or other impervious clothing as necessary to minimize exposure.

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

**Work Hygienic Practices:** Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear amber liquid

**Odor:** Bland petroleum odor

**Odor Threshold:** Not established

**pH @ 25°C:** Not applicable

**Melting Point (Pour Point):** Not applicable

**Boiling Point:** >350°F

**Flash Point:** 200°C

**Freezing Point:** Not applicable

**Evaporation Rate (Water = 1):** Not applicable

**Flammable Limits:**

LEL:

UEL:

**Vapor pressure (mm Hg):** Not available

**Vapor Density (Air = 1):** Not available

**Solubility in water:** Insoluble in water

**Octanol/Water Partition Coefficient:** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Specific Gravity:** 0.85

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Excessive heat; formation of oil mist.

**Incompatible Materials:** Strong oxidizers, strong alkalis, strong acids, and compressed oxygen.

**Hazardous Decomposition Products:** Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Inhalation:** If sprayed or misted may cause chemical pneumonitis. This product is not toxic by inhalation.

**Ingestion:** Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea.

**Skin Contact:** Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

**Eye Contact:** May cause eye temporary irritation or discomfort.

**Aggravated Medical Condition:** Contact or breathing mists may exacerbate existing skin or respiratory disorders.

**Teratogenicity/Reproductive toxicity:** Not expected to be a hazard.

**Mutagenic effects:** No information.

**Numerical Measures of Toxicity:**

**Acute Oral Toxicity:** Low toxicity: LD50 > 5000 mg/kg, Rat

**Acute Dermal Toxicity:** Low toxicity: LD50 >2000 mg/kg, Rabbit

**Acute Inhalation Toxicity:** Low toxicity: LC50 >5 mg/l / 4 h, Rat

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Acute Toxicity: LL/EL/IL50 > 1 <= 10 mg/l (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract).

**Aquatic: Fish:** LL/EL/IL50 > 1 <= 10 mg/l

**Aquatic Invertebrates:** LL/EL/IL50 > 1 <= 10 mg/l

**Algae:** LL/EL/IL50 > 1 <= 10 mg/l

**Chronic Toxicity Fish:** NOEC/NOEL expected to be > 0.01 - <= 0.1 mg/l (based on modeled data)

**Aquatic Invertebrates:** NOEC/NOEL expected to be > 0.1 - <= 1.0 mg/l (based on test data)

**Persistence and Degradability:** Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

**Bioaccumulative Potential:** Contains components with the potential for bioaccumulation.

**Mobility in Soil:** Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

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## SECTION 12. ECOLOGICAL INFORMATION(cont.)

**Other Adverse Effects:** Films formed on water may affect oxygen transfer and damage organisms.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Material Disposal:** Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste collection and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or water courses.

**Container Disposal:** Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

**Local Legislation:** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

## SECTION 14. TRANSPORTATION INFORMATION

**DOT:** UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Petroleum Distillates), 9, PGIII

**IMO:** UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Petroleum Distillates), 9, PGIII

**ADR/RID/IAND:** UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Petroleum m Distillates), 9, PGIII

## SECTION 15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**TSCA:** All components listed.

**DSL:** All components listed.

**SARA TITLE III Reporting Requirements:**

**Section 302:** EHS reporting not required

**Section 304:** Hazardous releases reporting not required

**Section 311:** Community Right To Know reporting is required if the inventory is above the Threshold Planning Quantity.

**Section 312:** R-T-K Inventory data reporting required for inventory above the TPQ

**Section 313:** Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

## SECTION 16. OTHER INFORMATION:

**Revision Summary:** All Sections: New GHS Format

*This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.*