# SAFETY DATA SHEET

**Date Prepared:** 05/13/2015

SDS No: Triple S\_Rust Remover

### SSS Rust Remover Gelled Rust Remover

# 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SSS Rust Remover Gelled Rust Remover **GENERAL USE:** Remove rust stains from carpet and vinyl tile.

PRODUCT DESCRIPTION: Rust Remover

PRODUCT CODE: 48024, 48152

CHEMICAL FAMILY: Acid/detergent blend

#### **MANUFACTURED FOR**

24 HR. EMERGENCY TELEPHONE NUMBERS

888-779-1339

Triple S
2 Executive Park Drive

Billerica, MA 01862 http://www.triple-s.com

**Customer Service: 978-667-7900** 

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

#### Health:

Skin Corrosion, Category 1C Eye Corrosion, Category 1 Acute Toxicity (Oral), Category 4

### **GHS LABEL**





Corrosion

Exclamation mark

SIGNAL WORD: DANGER
HAZARD STATEMENTS

H318: Causes serious eye damage.

H314: Causes severe skin burns and eye damage.

H302: Harmful if swallowed.

# PRECAUTIONARY STATEMENT(S)

#### Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P260: Do not breathe fumes, gas, mist, vapors or spray.

P270: Do not eat, drink or smoke when using this product.

P264: Wash hands thoroughly after handling.

P234: Keep only in original packaging.

P102: Keep out of reach of children.

### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310: Immediately call a POISON CENTER or doctor/physician.

## Storage:

P405: Store locked up.

P403: Store in a well-ventilated place. P233: Keep container tightly closed.

### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

### **EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Clear Liquid

**IMMEDIATE CONCERNS:** Causes irreversible eye damage and skin burns.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Corrosive to the eyes and may cause severe damage including blindness.

**SKIN:** Corrosive, causes skin burning.

SKIN ABSORPTION: Harmful if absorbed through skin.

INGESTION: Harmful if swallowed.

**INHALATION:** Vapors are irritating to eyes and respiratory tract.

### REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: None known.

MUTAGENICITY: None known.

**ROUTES OF ENTRY:** Eye, skin, ingestion, Inhalation. **TARGET ORGAN STATEMENT:** Respiratory tract.

CANCER STATEMENT: NA = Not Applicable WARNING CAUTION LABELS: Corrosive

**PHYSICAL HAZARDS:** May be corrosive to certain metals.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ammonium Bifluoride	0 - 5	1341-49-7
Xanthane Gum	0 - 2	11138-66-2
Dipropylene glycol monomethyl ether	0 - 2	34590-94-8
Water	70 - 75	7732-18-5

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

# SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Severe burning sensation, damage marked by burns.

**SKIN:** Burning sensation, redness, swelling and possible blistering.

SKIN ABSORPTION: Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE TOXICITY: Corrosive to eyes and skin. Harmful if inhaled. Harmful if swallowed

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

# 5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

**EXTINGUISHING MEDIA:** Not required.

**EXPLOSION HAZARDS: None** 

FIRE FIGHTING PROCEDURES: Use an extinguishing agent suitable for surrounding fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

### 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### **ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil. **AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**RELEASE NOTES:** Product may be harmful to aquatic life.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

#### 7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: Wear chemical resistant rubber or neoprene gloves and eye safety goggles/full face shield when handling.

**STORAGE:** Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store product away from food and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m³	ppm	mg/m³
Ammonium Bifluoride	TWA		2.5		2.5
Dipropylene glycol monomethyl ether	TWA	100	600	100	606
	STEL			150	909

**ENGINEERING CONTROLS:** Use in well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash googles and full face-shield.

**SKIN:** Rubber or other chemical resistant gloves.

RESPIRATORY: A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** NA = Not Applicable

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

**ODOR:** Pungent

**ODOR THRESHOLD:** Not Established

**COLOR:** Water Clear

**pH**: < 5.0

PERCENT VOLATILE: >90

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)

VAPOR DENSITY: > 1 Air = 1 BOILING POINT: 212° F; 100° C FREEZING POINT: 32° F; 0° C

THERMAL DECOMPOSITION: Not Available

**SOLUBILITY IN WATER:** Complete **EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.56 at (20°F)

SPECIFIC GRAVITY: 1.026 grams/ml. at 20°C (68°F)

**VISCOSITY:** Water thin. **(VOC):** 1.930 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal storage and use conditions.

CONDITIONS TO AVOID: Do not mix with other chemicals.

POSSIBILITY OF HAZARDOUS REACTIONS: Not Established

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**INCOMPATIBLE MATERIALS:** Strong alkalis, reducing agents, chlorine bleach products; metals e.g. aluminum, brass, copper, iron

# 11. TOXICOLOGICAL INFORMATION

### **ACUTE**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Dipropylene glycol monomethyl ether	> 5000 mg/kg (rat)	9510 mg/kg (rabbit)

**EYES:** Not Established

**DERMAL LD**<sub>50</sub>: Not Established **ORAL LD**<sub>50</sub>: Not Established

**EYE EFFECTS:** Corrosive to eyes. Permanent damage may occur.

SKIN EFFECTS: Corrosive to skin.

CARCINOGENICITY

**IARC:** No products were found.

**CORROSIVITY:** Corrosive

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TARGET ORGANS:** Vapors may harm respiratory tract.

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

#### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA: Not Established** 

**ECOTOXICOLOGICAL INFORMATION:** This material may be toxic to aquatic life.

BIOACCUMULATION/ACCUMULATION: Not Established

AQUATIC TOXICITY (ACUTE): Not Established
CHEMICAL FATE INFORMATION: Not Established

#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and its containers should be treated as hazardous waste based on the characteristics of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal into public sewer.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purpose.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

### 14. TRANSPORT INFORMATION

### **DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Hazmat - Limited Quantity

**TECHNICAL NAME:** NA = Not Applicable

**PLACARDS:** None

**LABEL:** Certain package sizes determine the proper labeling of containers. Consult manufacturer for specific information regarding proper labeling.

**OTHER SHIPPING INFORMATION:** Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

SPECIAL SHIPPING NOTES: Quantities less than or equal to one (1) gallon = Limited Quantity not regulated.

AIR (ICAO/IATA)

**SHIPPING NAME:** Contact manufacturer for more information.

VESSEL (IMO/IMDG)

SHIPPING NAME: Contact manufacturer for more information.

#### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Limited Quantity Ground

## SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Health - Acute

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

313 REPORTABLE INGREDIENTS: No listed substance

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No listed substance TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

#### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Ammonium Bifluoride	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Dipropylene glycol monomethyl ether	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

CALIFORNIA PROPOSITION 65: No listed substance

**CARCINOGEN:** No listed substance

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): NA = Not Applicable

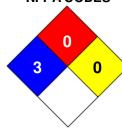
# 16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department Date Prepared: 05/13/2015

# **HMIS RATING**



# **NFPA CODES**



**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a quide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.