

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products 3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **DEFENDER II** 24 Hour CHEMTREC Number: 800-424-9300

Product Description: Rust remover, paint primer. MSDS Number: M00265

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Ethylene Glycol	107-21-1	< 10%	NA	50 ppm (vapor)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Eye and skin irritant. Harmful if swallowed.

POTENTIAL HEALTH EFFECTS Eye Contact: May cause eye irritation. Skin Contact: May cause skin irritation.

Inhalation: May cause respiratory irritation. May cause headache, nausea, dizziness. Ingestion: Harmful if swallowed. May cause stomach and intestinal irritation (nausea, vomiting, diarrhea).

4. FIRST AID MEASURES

Eye Contact: Flush eyes immediately with plenty of cool water for at least 15 minutes. If irritation persists, seek medical attention. Skin Contact: Immediately flush skin with plenty of water. Launder clothing before reuse. If irritation persists, seek medical attention. Inhalation: Remove person to fresh air. If irritation persists, seek medical attention. Ingestion: Do not induce vomiting. Drink 2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint: None to boiling point by TCC and COC. Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL):

NA Autoignition Temperature: NA Flammable Properties: None expected. Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Fire Fighting Instructions: Wear a self-contained breathing apparatus with full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Wear protective goggles and gloves. Absorb spill with absorbent material. Neutralize spill. Flush residues with plenty of water to the drain. Do not reuse empty drums. Flush empty drums thoroughly with water, crush or perforate and discard or give to a drum reconditioner for recycling. Follow All Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Handling: Avoid breathing vapors. Wash hands thoroughly after handling. Do not take internally. Avoid contact with eyes and skin. Never mix with any acid or any other chemicals. Read and follow all label directions and precautions carefully. Storage: Keep out of reach of children. Keep containers tightly closed when not in use. Store in a cool, dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical ventilation to maintain exposure below TLV limit.

Personal Protective Equipment: Respiratory: None normally required. If workplace exposure limit is exceeded, a NIOSH-approved respirator is advised in the absence of environmental control. Eye: Wear approved safety glasses or goggles with unperforated sideshields. Skin: Wear chemically-resistant gloves. Wear long sleeves and long pants.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Odor: Low Physical State: Emulsion pH: 2.0 Solubility in Water: Disperses

Specific Gravity: 1.032 Boiling Point: > 212°F VOC Content: 0%

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: None expected.

Incompatibility: Strong alkali or caustic solutions, proteins and oxidizing agents. Hazardous Decomposition Products: Tannic acid fumes.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredients at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Ethylene Glycol	107-21-1	8.57 g/kg (oral rat)	> 10000 mg/l/96 hr (flathead minnow)

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. Follow All Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: Not Regulated. Canadian TDG: Not Regulated.

15. REGULATORY INFORMATION

TSCA: All chemicals in this product are listed or exempt from listing on the TSCA inventory.

CEPA: All chemicals in this product are listed or exempt from listing on the Canadian DSL/NDL.

Proposition 65: This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

SARA 313: This product contains no toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

HMIS RATING: Health = 2 Flammability = 0 Reactivity = 0 Personal Protection = B

WHMIS RATING: Class D, Division 2B; Class E

16. OTHER INFORMATION

NA = Not Available or Not Applicable

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN.

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility.

They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Prepared On: October 2010 Replaces: October 2007 Completed By: Regulatory Affairs Specialist