

SAFETY DATA SHEET



DATE ISSUED :	12/08/2015
SDS REF. No :	810

810 Waterbased Flash Rust Inhibitor Concentrate

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 810 Waterbased Flash Rust Inhibitor Concentrate
PRODUCT CODE: 810

MANUFACTURED for
MMLJ Manufacturing
5711 Schurmier Road
Houston, Texas 77048
800-727-5707

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US Transportation): (800)424-9300
CHEMTREC (International Transportation): 1(202)483-7616

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **NON-HAZARDOUS**

PICTOGRAMS: N/A

This product, as provided and designed for use, is defined as **NON-HAZARDOUS** according to the criteria of the OSHA Hazard Communication Standard (HCS) which is aligned with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). www.osha.gov/dsg/hazcom

This Safety Data Sheet (SDS) is provided as an information source in a standardized format commonly employed by commercial and industrial EHS managers.

PHYSICAL APPEARANCE: Clear Water White Liquid, slight ammonia odor

POTENTIAL HEALTH EFFECTS:

EYES: May cause eye irritation. If splashed into eyes may be irritating.

SKIN: Prolonged, extended contact may dry skin causing slight irritation.

INGESTION: This product may be harmful if swallowed.

INHALATION: Inhalation may possibly be harmful.

CARCINOGENICITY: No known carcinogenic ingredients are present in this product.

MEDICAL CONDITIONS Aggravated by Overexposure: Pre-existing skin disorders may be aggravated by over-exposure to this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number
Organic amine water soluble compounds	Mixture
Water	7732-18-5

{HAP = Hazardous Air Pollutant; VOC = Volatile Organic Compound}

All additional ingredients, in concentrations and/or physical forms, present in this product are not classified as hazardous to health and do not require reporting on this SDS.

4. FIRST AID MEASURES

INHALATION: Move person to fresh air. If person is unconscious, seek immediate medical attention.

EYES: Flush eyes with running water for at least 5 minutes, keeping eyelids open. If possible, remove contact lenses.

SKIN: Wash skin thoroughly with water.

INGESTION: If swallowed, may cause nausea and diarrhea. Emergency medical treatment is not necessary. Seek medical attention or poison control center advice; have the Safety Data Sheet information available.

NOTES TO PHYSICIAN: No specific treatment. Treat symptomatically. Contact a poison treatment specialist if large quantities have been ingested.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NOT FLAMMABLE

GENERAL HAZARD: NOT FLAMMABLE, will NOT support combustion.

EXTINGUISHING MEDIA: Use water, fog spray, or foam.

FIRE FIGHTING PROCEDURES: Water should be used to cool nearby containers to prevent pressure build-up.

FIRE FIGHTING EQUIPMENT: Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen, carbon monoxide, carbon dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop further spillage. Contain spilled material with absorbent material to capture liquid. Place collected absorbent in appropriate waste containers. Prevent spill from entering municipal sewers and/or open bodies of water.

LARGE SPILL: Stop further spillage. Prevent runoff from spill entering drains, municipal sewers or open bodies of water. Contain spilled material with absorbent material to capture liquid. Place collected absorbent in appropriate waste containers.

ENVIRONMENTAL PRECAUTIONS: Prevent large releases of this material into the environment.

WATER SPILL: This material may be a pollutant to water.

LAND SPILL: This material may be harmful to the environment if released in very large quantities.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid freezing. Store this material indoors. Store this product at temperatures above 32°F (0°C) and below 125°F (52°C).

COMMENTS: No special handling or storage requirements.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

ENGINEERING CONTROLS: No special engineering controls required. Use this product with adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Protective Safety Glasses or Goggles are recommended.

SKIN: Water resistant gloves are recommended.

RESPIRATORY: Respirators are not required for use of this product.

WORK HYGIENIC PRACTICES: Emergency eye wash stations should be provided. Maintain housekeeping activities.

OTHER USE PRECAUTIONS: None.

COMMENTS: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight ammonia odor

COLOR: Clear, Water White

pH: 10.3

FLASH POINT AND METHOD: N/A

FLAMMABLE LIMITS: LEL N/A

SPECIFIC GRAVITY: 1.033 (water = 1.0)

VAPOR PRESSURE: < 0.0003 mm Hg@ 77°F

(25°C) **VAPOR DENSITY:** Heavier than air

(air=1.0) **BOILING POINT:** ≥ 212°F (100°C)

MELTING POINT: Not determined (supplied in liquid form)

EVAPORATION RATE: ≤ 0.01 (n-butyl acetate = 1.0)

SOLUBILITY IN WATER: Completely soluble in water

10. STABILITY AND REACTIVITY

STABLE: yes

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: Heat, sparks and open flames.

INCOMPATIBLE MATERIALS: Avoid contact with strong acids, alkali and oxidizing agents

11. TOXICOLOGICAL INFORMATION

LD 50 (Rat)

Organic amine water soluble compounds (non- HAP)

≥ 6,500 mg/kg

Very low toxicity if swallowed.

No harmful effects expected from swallowing small amounts.

TARGET ORGANS:

Lungs: Inhalation not expected; if occurs, treat as excessive water in lungs – administer CPR.

Eyes: Eye Contact: slight irritation, tearing, and redness.

Skin: Skin Contact: Prolonged contact may dry and defat skin.

GENERAL COMMENTS: None identified.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Organic amine water soluble compounds - CAS# Mixture No Data Available

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Waste from this product is considered non-hazardous. Dispose of all waste from this product in accordance with all local, state and federal municipal waste regulations.

EMPTY CONTAINER: Can be disposed of as non-hazardous waste.

14. TRANSPORT INFORMATION

UN PROPER SHIPPING NAME: Not Regulated

IMDG PROPER SHIPPING NAME: Not Regulated

DOT PROPER SHIPPING NAME: Not Regulated

TECHNICAL NAME: Water Solution

15. REGULATORY INFORMATION

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not categorized

313 REPORTABLE INGREDIENTS: No ingredients present

302/304 EMERGENCY PLANNING: No ingredients present

TSCA: All ingredients in this product are listed on the TSCA inventory

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	A

HMIS Hazard Ratings are based upon a scale of 0 to 4, where 0 = minimal risk and 4 = significant risk. The ratings are only intended to be used for a rapid, general identification of the magnitude of the specific health, flammability or reactivity hazard. The actual numerical ratings may vary from company to company.

MANUFACTURER DISCLAIMER:

The information, recommendations and suggestions herein were compiled from reference material and other sources believed to be reliable. However, the SDS's accuracy or completeness is not guaranteed, nor is any responsibility assumed or implied for any loss or damage resulting from inaccuracies or omissions.