

SAFETY DATA SHEET



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| DATE ISSUED : | 4/27/2016 |
| MSDS REF. No : | LP1508 |

LP1508 LO TEMP REC. PHOS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LP1508 LO TEMP REC. PHOS
PRODUCT CODE: LP1508

MANUFACTURER
 Riley Paint Company
 860 Washington St.
 Burlington, IA 52601
 1-319-753-0105

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

OTHER MEANS OF IDENTIFICATION: Metal cleaning compound
RECOMMENDED USE: Metal cleaning

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION IN ACCORDANCE WITH 29CFR 1910 "OSHA HCS"

GHS LABEL ELEMENTS

SIGNAL WORD: Warning

Hazard Pictograms:



GHS HAZARD STATEMENT:

- **H290:** May be corrosive to metals
- **H304:** May be fatal if swallowed and enters airways
- **H317:** May cause an allergic skin reaction
- **H320:** Causes eye irritation
- **H335:** May cause respiratory irritation
- **H336:** May cause drowsiness or dizziness

GHS PRECAUTIONARY STATEMENTS:

- **P201:** Obtain special instructions before use.
- **P202:** Do not handle until all safety precautions have been read and understood.
- **P211:** Do not spray on an open flame or other ignition source.
- **P251:** Do not pierce or burn, even after use.

- **P261:** Avoid breathing dust/fumes/gas/mist/vapors/spray.
- **P262:** Do not get in eyes, on skin, or on clothing.
- **P263:** Avoid contact during pregnancy/while nursing.
- **P264:** Wash ... thoroughly after handling.
- **P270:** Do not eat, drink or smoke when using this product.
- **P273:** Avoid release to the environment.
- **P280:** Wear protective gloves/protective clothing/eye protection/face protection.
- **P284:** [In case of inadequate ventilation] wear respiratory protection.
- **P331:** Do NOT induce vomiting.

GENERAL COMMENTS: Avoid contact with skin, eyes and clothing. Avoid prolonged and/or repeated contact with skin. Use with local exhaust ventilation. Wear proper PPE.

PHYSICAL APPEARANCE : Liquid

IMMEDIATE CONCERNS : Acute-Eye burns, mild irritation of skin and mucous membranes.

POTENTIAL HEALTH EFFECTS

IRRITANCY: This material may cause irritation to the eyes, skin, and respiratory tract. Use correct PPE when handling this material.

EYES : Severe irritant may cause redness, tearing or blurred vision.

SKIN : Prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis.

SKIN ABSORPTION : Longer or repeated contact may cause moderate irritation and possibly a mild burn and irritation due to absorption.

INGESTION : Fatigue, lack of sleep and constipation. Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

INHALATION : Mild irritation of mucous membranes, burning sensation.

CHRONIC : Chronic-Eye burns, irritation to skin, mucous membranes and lungs.

CARCINOGENICITY : None Known

REPRODUCTIVE TOXITY

REPRODUCTIVE EFFECTS : This material is not currently known to cause any reproductive system damage.

MUTAGENICITY : This material is not currently known to have mutagenic effects on genetic material.

TERATOGENIC EFFECTS : This material is not currently known to contain any teratogenic substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Weight % | CAS Number | OEL | Vap mm hg | Vap Temp. |
|-----------------------------------|----------|------------|-------------------------------------|-----------|-----------|
| *PHOSPHORIC ACID/H3PO4 | 11 | 7664-38-2 | ACGIH TLV: 1MG/M3 | 0.00000 | 0.00000 |
| *ANHYDROUS AMMONIA | 2 | 7664-41-7 | OSHA STEL: 35ppm, TWA: 25 ppm | 8.50000 | 20°C |
| *DIETHYLENE GLYCOL BUTYL ETHER/DB | 2 | 112-34-5 | ACGIH TWA 10ppm | 0.21 | 25°C |
| Secondaryalcohols ethoxylated | 2 | 84133-50-6 | | 0.01 | 20°C |

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

"WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

4. FIRST AID MEASURES

EYES : Remove to fresh air. Wash skin contact area with soap and water. Flush eyes with water & report to physician immediately .

SKIN : Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

INGESTION : Do not induce vomiting. Get medical attention immediately.

INHALATION : Immediately remove victim to fresh air. If victim is not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

NOTES TO PHYSICIAN: If the victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD : 114.00 closed cup

FLAMMABLE LIMITS : .85 TO 24.6

AUTOIGNITION TEMPERATURE : N/A.

FLAMMABLE CLASS : Not Flammable, Water Based.

GENERAL HAZARD : Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

EXTINGUISHING MEDIA : Foam, CO2, Dry Chemical

OTHER CONSIDERATIONS : N/A.

FIRE FIGHTING PROCEDURES : Clear the fire area of unprotected personnel. Do not enter confined fire space without full protective equipment including self-contained breathing apparatus. Cool fire exposed containers with water. If water is used, fog nozzles are preferred.

FIRE FIGHTING EQUIPMENT : Full protective equipment including self-contained breathing apparatus should be used.

FIRE EXPLOSION : Incinerating may create toxic decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL : Stop leak if without risk. Move containers from spill area. Absorb with a dry inert material and place in an appropriate waste disposal container.

LARGE SPILL : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined spaces. Contain and collect spillage with non-combustible absorbent material and place in container for disposal according to local regulations. See section 13 for waste disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL : Keep material out of storm sewers and ditches which lead to waterways.

LAND SPILL : Contact applicable authorities and determine applicable regulations based on safety data sheet information.

7. HANDLING AND STORAGE

GENERAL PROCEDURES : Keep containers closed when not in use. Transfer only to approved containers with complete and appropriate labeling.

COMMENTS : KEEP OUT OF REACH OF CHILDREN. Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Buckets may be a drowning hazard, do not leave children unattended with open buckets.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

OSHA TABLE COMMENTS: Reference Section 3 OEL for Exposure controls.

ENGINEERING CONTROLS: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

SKIN: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: If exposure may or does exceed occupational exposure limits use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere supplying respirator or an air purifying respirator for organic vapors.

WORK HYGIENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

COMMENTS: May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Liquid.

ODOR : Surfactant odor.

COLOR : Clear

pH : = < 5

Density/specific gravity : 1.06

Material VOC: 0.15

10. STABILITY AND REACTIVITY

STABLE : YES

HAZARDOUS POLYMERIZATION : Will not occur.

CONDITIONS TO AVOID : Extreme hot or cold exposure.

STABILITY : This material is stable under normal handling and storage conditions.

POLYMERIZATION : WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, phosphorous and nitrogen.

INCOMPATIBLE MATERIALS : Strongly alkaline materials.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50 (mg/kg): No data at this time.

ACUTE INHALATION LC50: No data at this time.

ACUTE DERMAL LD50 (mg/kg): No data at this time.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Keep out of waterways

CHEMICAL FATE INFORMATION: No data at this time.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

EMPTY CONTAINER: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

RCRA/EPA WASTE INFORMATION: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME : NA1760, Compounds, cleaning liquid, 8, PGIII.

TECHNICAL NAME : Water based phosphatizer or phosphatizer materials.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

FIRE : Yes **PRESSURE GENERATING :**No

REACTIVITY :No. **ACUTE :** Yes. **CHRONIC :** YES

313 REPORTABLE INGREDIENTS: See section 3

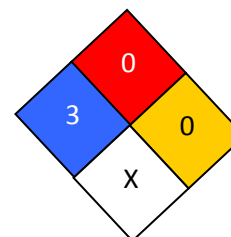
302/304 EMERGENCY PLANNING

EMERGENCY PLAN: To the best of our knowledge, this product is not listed as an extremely hazardous substance.

16. OTHER INFORMATION

| HMIS RATING | |
|-----------------------|---|
| Health : | 3 |
| Flammability : | 0 |
| Reactivity : | 0 |
| Personal Protection : | X |

NFPA CODES



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