

***Eagle* Etch & Clean**

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MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

REVISION: 3/5/07

SECTION I-MANUFACTURER

NAME: Eagle IFP. 24 Hour Emergency Telephone No.
P.O. Box 110431 INFOTRAC
Nashville, TN 37224 1-800-535-5035
Tel: 615-872-2710

SECTION II-PRODUCT IDENTIFICATION

IDENTITY: ***Eagle* ETCH & CLEAN**

DOT: Corrosive Liquid, acidic, inorganic, N.O.S. (phosphoric acid), 8, UN3264, PGIII

HMIS CODES: H F R P
2 0 1 C

SECTION III-COMPONENTS

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV)</u>
Phosphoric Acid	7664-38-2	1 mg/m ³	1 mg/m ³
Nonylphenol Ethoxylate	9016-45-9	None Established	None Established

SECTION IV-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (Degrees F): N/A Specific Gravity (H20=1): 1.26
Vapor Density: N/A Odor: Mild
Vapor Pressure: N/A Material V.O.C.: 0 g/l
Appearance and Odor: Clear liquid

SECTION V-FIRE AND EXPLOSION HAZARD DATA

Flash Point (ASTM D-92 COC): N/A
Flammable Limits: Not Determined
Extinguishing Media: Dry chemical, CO2, water fog
Special Fire Fighting Procedures: Evacuate area and fight fire from a distance. Firefighters wear NIOSH approved self-contained breathing apparatus.

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SECTION VI-REACTIVITY DATA

Reactivity: Stable in normal conditions.

Conditions to avoid: Extreme heat.

Incompatibility (Materials to Avoid): Oxidizers and strong alkalis.

Hazardous Decomposition (Byproducts): None.

Hazardous Polymerization: Will not occur.

SECTION VII-HAZARDS IDENTIFICATION

Routes of Exposure: Inhalation, Ingestion, and Skin.

Health Hazards:

Acute: May cause skin burns, redness, eye damage, abdominal pain (ingestion), and nausea (ingestion).

Chronic: No chronic information available.

Skin Contact: Corrosive. May cause redness, pain, and skin burns.

Eye Contact: May cause redness, pain, blurred vision, eye burns, and permanent eye damage.

Inhalation: Inhalation is not an expected hazard unless misted or heated to high temperatures. Inhalation of mists or vapors can cause irritation to the nose, throat, and upper respiratory tract. Severe exposures can lead to chemical pneumonitis.

Ingestion: May cause sore throat, abdominal pain, nausea, and burns of the mouth, throat, and stomach.

Carcinogen: No.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of the substance.

SECTION VIII-SARA Sections 311-313 INFORMATION

SARA 311/312:

Acute Health Hazard

SARA 313:

No Toxic Chemicals

SECTION IX-EMERGENCY AND FIRST AID PROCEDURES

Skin: Immediately flush affected area with plenty of water for at least 15 minutes while removing contaminated clothing.

Eyes: Flush with a gentle but large stream of water for 15 minutes, lifting the lower and upper eyelids occasionally. Call a physician immediately.

Inhalation: Move to fresh air and provide oxygen if breathing is difficult.

Ingestion: DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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Precautions to be taken in Handling and Storing: This material is corrosive and will damage metal materials.

Storage: Avoid excessive heat. Do not store near oxidizers and strong alkalis.

SECTION X-PRECAUTIONS FOR SAFE HANDLING AND USE

Normal Handling: Always wear recommended personal protective equipment. Avoid breathing misted material or fumes of heated material. Avoid spillage, which can cause very slippery conditions on floors. When diluting, always add concentrated product to the dilution water. Use good personal hygiene.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

SECTION XI-EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: If the material is misted, use a NIOSH-approved respirator. If the material is heated, use an organic vapor respirator.

Ventilation: Normal ventilation is adequate.

Protective Gloves: Wear impervious gloves.

Eye Protection: Wear chemical safety glasses.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

Work/Hygienic Practices: Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, Eagle IFP makes no representations as to the completeness or accuracy thereof.