

Material Safety Data Sheet

Product Name: Surfactant PH

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Section I – Manufacturer Identification

Manufacturer's Name: Brewer International

Address: PO Box 690037

Vero Beach, FL 32969

Emergency Phone: Chem Tel (800) 255-3924

Information Phone: (800) 228-1833

Section II – Composition/Information on Ingredients

♦ Alkyl, Aryl, Polyethoxy Ethanol, Phosphates, and Organic Phosphatic Acids

Section III – Health Hazard Data

Eye: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, redness, swelling, and chemical burn of the eye.

Skin: Brief contact is not irritating. Prolonged contact may cause redness.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation: Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing.

Other Effects: No exposure limits established by OSHA. This material can cause injury if disposed directly into the lung.

Section IV – Emergency and First Aid Procedures

Eye: Immediately flush eye with water and continue washing for at least 15 minutes. Obtain medical attention.

Skin: Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

Inhalation: Remove to fresh air. Obtain medical attention if symptoms persist.

Ingestion: Give two glasses of water. Do NOT induce vomiting. Obtain medical attention.

Toxicology: Not Known

Other: Treatment of overexposure should be directed at control of symptoms and the clinical condition of patient.

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Section V – Fire Fighting Measures

Flash Point: None

Fire Extinguishing Media: Foam, Water fog, Dry chemical, ABC fire extinguisher.

Fire and Explosion Hazards: This material may produce a floating fire hazard.

Fire-Fighting Equipment: Self-contained positive breathing apparatus and protective clothing should be worn.

Section VI – Accidental Release Measures

If material is released or spilled wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spill immediately with inert materials (e.g. sand, earth). Avoid discharge to natural waters. Transfer liquids and solid diking material to suitable containers for recovery or disposal. Check local, state, and federal regulations.

Section VII – Handling and Storage

Use with adequate ventilation. Wash thoroughly after handling. Keep away from heat, sparks and flames. Mildly corrosive.

Section VIII – Exposure Controls and Personal Protection

Ventilation: Adequate ventilation.

Respiratory Protection: If vapors present, use approved respirator.

Skin Protection: Use of protective clothing is recommended.

Eye Protection: Wear full-face shield or goggles.

Exposure Guidelines: Use impervious gloves. Repeated skin contact could cause dermatitis.

Section IX – Physical and Chemical Properties

Boiling Point: 212 Deg. F.

Vap. Pressure: @ 68 Deg. F.: 5.65 mm/Hg

Vap. Density: 13.16

Sol. in water: Miscible

Sp. Gravity: 1.20

Appearance: Green/Blue-Green

Odor: Fresh Scent

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Section X – Stability and Reactivity

Stability: Stable

Incompatibility: Avoid high temperatures and strong acids. Avoid freezing temperatures. Mildly corrosive.

Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

Section XI – Toxicological Information

♦ NA

Section XII – Ecological Information

Not Known

Section XIII – Disposal Considerations

Check local, state and federal regulations.

Section XIV – Transport Information

NMFC number is 4610, adjuvants. NFPA rating is 1- health, 1- flammability, 0- reactivity, and 0- specific hazard. Non hazardous material and meets and not regulated by D.O.T. as defined in 49 CFR.

Section XV – Regulatory Information

Sara Hazard Category: This product has been reviewed according to the EPA hazard categories under section 311 and 312 of SARA Title III, 1986, and is considered, under applicable definitions, to meet the following categories:

- ♦ **Hazardous Components at level which require reporting are:** None
- ♦ **OSHA Hazard Communications Standards, 29 CFR 1910.1200**

This product is non-hazardous.

The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult Brewer International for more information. It is the user's obligation to determine the conditions of safe use of the product.

Date Revised: January 31, 2005