

Material Safety Data

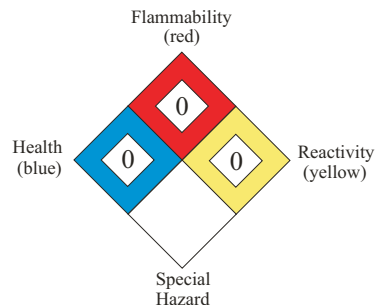
SEQUEST-ALL EMC WSF-20 (liquid)

NFPA Designation 704

To:

Degree of Hazard

- 4 = Extreme
- 3 = High
- 2 = Moderate
- 1 = Slight
- 0 = Insignificant



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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Sequest-All EMC Water Treatment - WSF-20
COMMON NAME/SYNONYMS: Blended Phosphate/Polyphosphate
FORMULA: Proprietary
BULK DENSITY: 9.4 lbs./gallon
DESCRIPTION/APPEARANCE: Clear, slippery, slightly viscous liquid.

MAXIMUM USE LEVEL: 70.0 Mg/l
(Potable Use MCL)

SECTION II - NORMAL HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE INCLUDES:

Avoid contact with eyes, skin or clothing. Do not take internally. Upon contact with skin or eyes, wash off with water. Do not use with mild steel or aluminum equipment. Mild steel is not satisfactory because the solution dissolves rust (oxides of iron). Aluminum is also not satisfactory because it is subject to corrosion including severe pitting.

PROTECTIVE EQUIPMENT

EYES: Goggles
GLOVES: Impervious
OTHER: None

VENTILATION REQUIREMENTS:

None

SECTION III - HAZARDOUS INGREDIENTS

BASIC MATERIAL: Phosphate
SIGNIFICANT EFFECTS: Irritation to eyes, skin and mucous membranes.

OSHA PEL: None
LD 50: 3000 MG/KG [rabbit]
LC 50: No data

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT METHOD: N/A
OSHA CLASSIFICATION: Non-combustible liquid.
EXTINGUISHING MEDIA: Non-combustible - choose media suitable for surrounding materials.

EXPLOSIVE LIMITS:
Lower: ND **Upper:** ND

SPECIAL FIRE HAZARD & FIRE FIGHTING PROCEDURE: Use NIOSH approved self contained breathing apparatus when material is involved in fire.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established

SYMPTOMS OF OVER EXPOSURE: May cause skin, eye and mucous membrane irritation.

EMERGENCY FIRST AID PROCEDURES:

SKIN: Flush with water. If an irritation develops, call a physician.

EYES: Flush with water. If eye irritation develops, call a physician.

INGESTION: Drink large quantities of water. Induce vomiting and call a physician.

SECTION VI - TOXICOLOGY

ACUTE ORAL LD 50: 3000 MG/KG (rat)

ACUTE DERMAL LD 50: non-irritating (rabbit)

ACUTE INHALATION LC 50: No Data

CARCINOGENIC: Non-carcinogenic

MUTAGENIC: Non-mutagenic

EYE IRRITANT: severely irritant

PRIMARY SKIN IRRITANT: Irritant

EFFECTS OF ACUTE EXPOSURE: May cause skin, eye and mucous membrane irritation.

EFFECTS OF CHRONIC EXPOSURE: None known.

SECTION VII - SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear appropriate protective equipment including goggles, gloves, and respirator to prevent contact with skin, eyes or mucous membranes. Do not use with mild steel or aluminum equipment. Mild steel is not satisfactory because the solution dissolves rust (oxides of iron). Alluminum is also not satisfactory because it is subject to corrosion including severe pitting. Mop and/or wash away spillage of material with water. Keep out of sewers, storm drains, surface waters, and soil. Comply with all applicable governmental regulations on spill reporting, handling, and disposal of waste.

DISPOSAL METHOD: Dispose of contaminated product and materials used in cleaning up spill in a manner approved for this material. Consult appropriate Federal, State, and Local regulatory agencies to ascertain proper disposal procedures.

SECTION VII - HAZARDOUS REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorus oxides

POLYMERIZATION: Will not occur

MATERIALS TO AVOID: Aluminum
& mild Steel

SECTION IX - PHYSICAL DATA

MELTING POINT: 1090C

BOILING POINT: over 1500C

SPECIFIC GRAVITY: 1.18

VAPOR PRESSURE: No data

SOLUBILITY IN WATER: N/A

pH 1% SOLUTION: 10.5

VOLATILES: No data

EVAPORATION RATE: ND

VAPOR DENSITY: No data

NOTICE

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