

Material Safety Data Sheet

LineClear 50

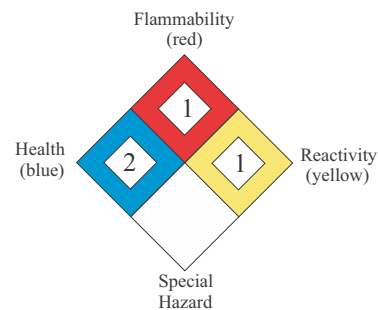
Non-Potable Water Treatment Formulation



Degree of Hazard

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

NFPA Designation 704



EMERGENCY CALL: 877-535-9033

MANUFACTURER:

SPER Chemical Corporation 14770 62nd. Street N., Clearwater, FL 33760

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: LineClear 50 - Non-Potable Water Treatment

COMMON NAME/SYNONYMS: Blended Phosphonic Acids, Maleic Homopolymers, stabilizers, and purified water

DOT PROPER SHIPPING NAME: UN3265, Corrosive Liquid, Acidic, Organic, n.o.s., 8 PGIII

FORMULA: Proprietary

BULK DENSITY: 10.25 lbs./gallon

DESCRIPTION/APPEARANCE: Clear green tint, slippery, slightly viscous liquid.

SECTION II - NORMAL HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE INCLUDES:

Avoid contact with eyes, skin and clothing. Do not take internally. Upon contact with skin, flush area with water for 15 minutes. Upon contact with eyes, flush with water for 30 minutes. Get Medical Attention. Do not use with mild steel or aluminum equipment. Mild steel is not satisfactory since solution dissolves rust. Aluminum is also not satisfactory because it is subject to corrosion including sever pitting.

PROTECTIVE EQUIPMENT

EYES: Goggles

GLOVES: Impervious

OTHER: Protective Clothing

VENTILATION REQUIREMENTS:

Avoid breathing vapor or mist

SECTION III - HAZARDOUS INGREDIENTS

BASIC MATERIAL: Phosphonic acids/purified water

SIGNIFICANT EFFECTS: Irritant to eyes, skin and mucous membranes.

OSHA PEL: None

LD 50: 1800 MG/KG [mouse]

LC 50: No data

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT METHOD: N/A

OSHA CLASSIFICATION: Slight fire hazard - Non-combustible liquid.

EXTINGUISHING MEDIA: Regular dry chemical - choose media suitable for

surrounding materials including water spray, foam, dry chemical, or carbon dioxide.

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

EXPLOSIVE LIMITS:

Lower: ND **Upper:** ND

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: Not likely to cause skin burns. Flush with water for 15 minutes. If an irritation develops, call a physician.
EYES: May cause eye burns. Flush copiously with water for 30 minutes. If eye irritation develops, call a physician.
INGESTION: No more than slightly toxic if swallowed. Drink large quantities of water. Induce vomiting and call a physician.

SECTION VI - TOXICOLOGY / ECOLOGICAL INFORMATION

ACUTE ORAL LD 50: >5000 MG/KG (rat) slightly toxic
ACUTE DERMAL LD 50: >15000 MG/KG 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.

ECOTOXICOLOGICAL: LC50 >820 mg/L 96 hours (Rainbow Trout)
EC50 > 1050 mg/L 48 hours (Daphnia magna)

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). Aluminum is also not satisfactory since it is subject to corrosion including severe pitting. Absorb with inert material (e.g. dry sand or earth), then place in a chemical waste container for later disposal. Keep out of sewers, storm drains, and surface waters. Comply with all 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: Heat flames and contact with strong alkalis
HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorus oxides

POLYMERIZATION: Will not occur
MATERIALS TO AVOID: Amines, Alkalies, metals, oxidizers, sulfites (toxic gas).

SECTION IX - PHYSICAL DATA

FLASH POINT: Non-flammable
FREEZING POINT: - 25° C
SPECIFIC GRAVITY: 1.23

VAPOR PRESSURE: No data
SOLUBILITY IN WATER: Complete
pH PRODUCT AS IS: 1.2 - 1.4

VOLATILES: No data
EVAPORATION RATE: ND
VAPOR DENSITY: No data

SECTION X - REGULATORY INFORMATION

UNITED STATES FEDERAL REGULATIONS:
TSCA Status: Yes. **TSCA 12(b) export notification:** Not Listed
DOT Shipping Name: UN3265, Corrosive Liquid, Acidic, Organic, n.o.s., 8 PGIII

CANADA REGULATIONS:
DSL: All components are listed on DSL list.
CIDL: None listed on the CIDL.

NOTICE

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