

# NEUTRALITE SAFETY SOLUTION MATERIAL SAFETY DATA SHEET

U.S. / Canada version • Effective: 01/16/12

**Product name:**

Neutralite Safety Solution

**Information provided by:**

Force Field Technologies, Inc.

P.O. Box 5381

Granbury, TX 76049

**Emergency phone numbers:**

Jim Warren

(817) 326-2775

**CAS # & components:**

7778-77-0 Proprietary

**Emergency overview:**

**Eyes:** Flush eyes with large amounts of water.

If irritation occurs and persists seek medical attention.

**Skin:** Wash with water.

**Inhalation:** Remove from exposure.

**Ingestion:** Rinse mouth and dilute stomach contents with water, or preferably with milk if available. Large doses may cause nausea, vomiting and diarrhea.

**Notes to physician:** Systemic oral toxicity is extremely rare and has consisted of acidosis and hypocalcemic tetany.

**Fire fighting measures:**

**Extinguishing media:** Product is noncombustible.

**Special fire fighting procedures:** Not applicable.

**Degree of fire and explosion hazard:** None.

**Hazardous decomposition:** None.

**Accidental Release Measures:**

**Procedure for release or spill:** Material should be swept up for salvage or disposal.

**Handling & storage:**

**Handling:** Animal studies and manufacturing experience indicate that exposure to the crystalline form of product may result in eye and skin irritation. In the event of contact, immediately flush eyes with water, and wash off skin.

**Ventilation:** Not applicable.

**Storage:** Not applicable.

**Exposure controls / Personal protection:**

Not Applicable.

**Physical & chemical properties:**

Melting / Freezing point: -h20, 253c

**Boiling point:** Not Applicable.

**Vapor pressure:** Non-volatile.

**Vapor density (air=1):** Non-volatile.

**Room temperature:** White crystals.

**Appearance & state odor:** None.

**Specific gravity (H20=1):** Bulk Density 1.2 G/ML

**Solubility in H20 % by Wt: 20 @ 25c.**

**% Volatile's:** Non-volatile.

**Evaporation rate (butyl acetate=1):** Non-volatile.

**PH (as is):** Not applicable.

**PH (1% Solution):** 4.6

**Odor threshold:** Not applicable.

**Density (G/ML):** 1.25

**Partition coefficient (n-Octanol/Water):** Not available.

**Flash point:** Non-combustible.

**Autoignition temperature:** Non-combustible.

**Flammable limits (upper):** Not applicable.

**Flammable Limits (lower):** Not Applicable.

**Explosive properties:** None.

**Oxidizing properties:** None.

**Solubility:** Not available.

**Fat solubility (Solvent - Oil)**

**Stability & Reactivity:**

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Conditions to avoid:** None.

**Materials to avoid:** None.

**Major contaminants that contribute to instability:** None.

**Hazardous decomposition products:** None.

**Sensitivity to mechanical impact:** None.

**Sensitivity to static discharge:** None.

**Toxicological Information:**

**Eye contact:** Non-irritating to unwashed eyes. Non-irritating to washed eyes (Rabbit).

**Source:** FMC Study 186-927

**Date:** 1986.

**Skin contact:** Non-irritating At 1-1/2% solution (2 OZ. Neutralite Crystals to 1 gallon water)

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Source: Stillmeadow, INC. - Primary dermal irritation study in rabbits.

EPA Guidelines No. 81-5 Study #3659-97  
Dated 10/97.

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Human industrial experience has shown no significant inhalation hazard or skin irritation for low-level long-term exposure.

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**Skin absorption:** No published data.

**Inhalation:** No published data.

**Ingestion:** No published data.

**Acute effects from overexposure:** Moderate irritant to unwashed eyes and mild irritant to washed eyes by animal tests.

**Chronic effects from overexposure:** (Effects Considered Include: Sensitivities, Carcidogenicity, Tetratogenicity, Mutagenicity, Synergistic Products, And any medical conditions generally recognized as being aggravated by exposure)

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Human industrial experience has shown no

significant inhalation hazard or skin irritation for low-level long-term exposure.

**Ecological information:**

Not applicable.

**Disposal considerations:**

**Waste disposal method:** This product does not present a danger of hazard for disposal. Except for food applications, salvage and return to container, process or recycle for other uses.

May be disposed of in landfills according to applicable regulations.

**Transport information:**

**D.O.T. proper shipping name:** None. Not regulated.

**IATA:** None. Not regulated.

**IMDG:** None. Not regulated.

**D.O.T. Classification:** Not regulated.

**D.O.T. Labels:** Not regulated.

**D.O.T. Marking:** Not regulated.

**D.O.T. Placard:** Not required.

**UN Number:** None.

**Hazardous substance / RO :** Not listed.

**49 STCC Number:** None.

**Precautions to be taken in transportation:** None.

**Other shipping information:** None.

**Regulatory information:**

**OSHA exposure limits:**

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**Substance:** Not applicable.

**OSHA PEL-TWA:** Not applicable.

**OSHA STEL:** Not applicable.

**OSHA Ceiling:** Not applicable.

**OSHA skin designation:** Not applicable.

**ACGIH TLV-TWA:** Not applicable.

**ACGIH STEL:** Not applicable.

**ACGIH Ceiling:** Not Applicable.

**ACGIH Skin designation:** Not applicable.

**Target organ effects:** Not applicable.

**Carcinogenic potential:** Not applicable.

**Regulated by OSHA:** No.

**Listed on NTP report:** No.

**IARC Group 1, 2A, 2r:** No.

**U.S. EPA requirements release reporting:** Not applicable.

**Other information:**

**NFPA 704:**

(Degree of hazard: 0 = No hazard | 4 = Severe hazard)

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**Health:** 0

**Flammability:** 0

**Reactivity:** 0

**Special hazard:** None.