Phoenix Products 55 Conatainer Drive Terryville, Ct 06776 (203)-589-7502

PRODUCT NAME: ALGAE BOMB rev. 1/10/05

MATERIAL SAFETY DATA SHEET 11/05/03

SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Alkali metal halide

FORMULA: NaBr

TRADE NAME: Algae Bomb

**DESCRIPTION:** White odorless crystalline solid, hydroscopic, but not deliquescent.

**CAS NO.** 7647-15-6

**SECTION II - PHYSICAL DATA** 

**Boiling Point:** 1390°C Freezing Point: N/A

Vapor Pressure: 1mm Hg @ 806°C Specific Gravity (H<sub>2</sub>O=1): 3.21

Vapor Density. Evaporation Rate: N/A % Volatile by Volume: N/A Solubility in water: 95 g/100g @ 25°C

**SECTION III - FIRE AND EXPLOSION HAZARD DATA** 

Flash Point: N/A **Autoignition Temp:** N/A

Flammable Limits in Air % By Volume: N/A

Extinguishing Media: Use media appropriate for surrounding fire.

Special Fire Fighting Procedures: Cool containers with water spray. In closed stores, provide firefighters with self contained breathing apparatus. (In pressure demand or other positive pressure mode.) **Unusual Fire and Explosion Hazards:** From ~ 800°C will decompose, releasing toxic bromine fumes.

**SECTION IV - HEALTH HAZARD DATA** 

Threshold limit value: None established.

EFFECTS OF OVEREXPOSURE: Slight irritation to eyes, skin and mucous membranes, respiratory

tract and gastrointestinal tract.

**EFFECTS OF CHRONIC EXPOSURE:** None expected at use concentrations.

**SECTION V - EMERGENCY AND FIRST AID PROCEDURE** 

**INHALATION:** Remove patient to fresh air, call a physician. **SKIN:** Flush with water for 15 minutes. Call a physician. **EYE:** Flush with water for 15 minutes. Call a physician.

INGESTION: Drink large quantities of water, induce vomiting by placing finger to back of throat. Consult

a physician.

**SECTION VI - TOXICOLOGY** 

Acute Oral LD50 (rat): 4200mg/kg Carcinogenic: Not known to be. Acute Dermal LD50 (rabbit): 2000 mg/kg Mutage **Mutagenic:** Not known to be.

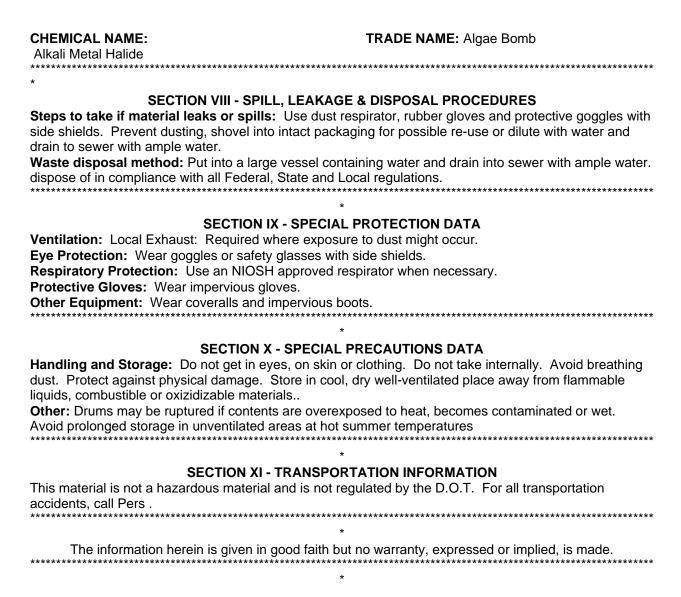
**SECTION VII - REACTIVITY DATA** 

Stability: Stable

Conditions to Avoid: Heating above 800°C

Incompatibility (materials to avoid): Will react violently with Bromine Trifluoride

**Hazardous Decomposition:** From ~ 800°C toxic, irritant bromine fumes are released. **Hazardous Polymerization:** N/A



Phoenix Products Company
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24 HOUR EMERGENCY PHONE: Professional Emergency Resource Services 800-633-8253