

# SAFETY DATA SHEET



Date Prepared : 07/14/2008

SDS No. : 132 Suncoast Trouble Free

Date Revised : 06/15/2015

Revision No : 5

## Suncoast Trouble Free

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Suncoast Trouble Free  
**GENERAL USE:** Algaecide  
**PRODUCT DESCRIPTION:** Inorganic bromide  
**PRODUCT CODE:** 00921601  
**ACTIVE INGREDIENT(S):** Sodium Bromide

#### MANUFACTURER

Suncoast Chemicals Company  
 6385 150th Ave. N.  
 Clearwater, FL 33760  
**Product Stewardship:** (727) 531-8913

#### DISTRIBUTOR

Sun Wholesale Supply, Inc.  
 (727) 531-8913  
 6385 150th Ave N.  
 Clearwater, FL 33760  
**Emergency Phone:** (800) 255-3924

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

This product is not classified as hazardous according to the Globally Harmonized System (GHS)

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Bromide	40	7647-15-6

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. Call a physician immediately.

**SKIN:** Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** Wash mouth with plenty of water. Get medical attention immediately.

**INHALATION:** Remove to fresh air. Consult a physician.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Mild irritant.

**SKIN:** Not an irritant to intact skin. Slight irritant on prolonged contact to abraded skin.

**INGESTION:** Abdominal pain, nausea and vomiting. May cause sleepiness, muscular coordination and respiratory depression.

**INHALATION:** Irritant to upper respiratory tract.

**NOTES TO PHYSICIAN:** Treat symptomatically. No specific antidote available.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not combustible.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

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**FIRE FIGHTING PROCEDURES:** Cool containers with water spray. In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode.

**FIRE EXPLOSION:** Will decompose from ca. 800 deg. C releasing poisonous and corrosive fumes of bromine, hydrogen bromide and sodium oxide.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Do not touch spilled material. Minimize airborne spreading of vapors. Clean up spill immediately. Contain and/or absorb spill with inert material (e.g., sand or vermiculite). Flush spill area with water. use appropriate containers to avoid environmental contamination.

### 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Wash thoroughly after handling.

**STORAGE:** Store in a cool dry place. Do not reuse container. Keep away from strong acids and strong oxidizing agents.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium Bromide	TWA	[1]	[1]	[1]	[1]
Footnotes:					
1. Not established.					

**ENGINEERING CONTROLS:** Local exhaust.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses recommended.

**SKIN:** Protective gloves.

**RESPIRATORY:** Not required, except in case of aerosol formation.

**PROTECTIVE CLOTHING:** Body covering clothes and boots.

**WORK HYGIENIC PRACTICES:** Wash after handling and before eating or smoking. Do not eat, smoke or drink where material is handled, processed or stored.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** None.

**APPEARANCE:** Blue liquid.

**pH:** 6.8

**FLASHPOINT AND METHOD:** Not Flammable

**FLAMMABLE LIMITS:** 0 to 0

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**VAPOR PRESSURE:** 17.5 mm of Hg @ 20 deg C

**VAPOR DENSITY:** Not Determined.

**BOILING POINT:** 112°C (234°F)

**SOLUBILITY IN WATER:** Miscible

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.41

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heating above decomp temperature of 800 deg C.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen bromide and sodium oxide.

**INCOMPATIBLE MATERIALS:** Acids, heavy metal salts, bromine trifluoride, oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**ORAL LD<sub>50</sub>:** 7000 mg/kg (mice)

**NOTES:** Oral TDLO: 3150 mg/kg (6 weeks, continuous, rat)

Subcutaneous LD50: 5020 mg/kg (mouse)

**EYE EFFECTS:** Moderate irritant.

**SKIN EFFECTS:** Non-irritant.

**CHRONIC:** Repeated skin contact may cause dermatitis. Repeated oral intake of bromides (>9 mg/kg body weight per day) may affect the central nervous system.

#### CARCINOGENICITY

**IARC:** Not classified as a carcinogen.

**NTP:** Not classified as a carcinogen.

**REPRODUCTIVE EFFECTS:** Sodium bromide has been shown to cause embryo-fetal toxicity and malformations in rats at dose levels which also produce maternal toxicity. The No-Observed Effect Level (NOEL) is 100 mg/kg per day, and the acceptable daily intake (ADI) for sodium bromide from food and drinking water in humans is 1 mg/kg per day. Comparable high doses of sodium chloride (table salt) similarly cause malformation, embryo-fetal toxicity, and maternal toxicity in mice.

**TERATOGENIC EFFECTS:** In the oral gavage pre-natal developmental toxicity study in the Rabbit, there were no obvious effects of maternal treatment on the survival, growth or development of the offspring at any of the dosages investigated. The No Observed Effect Level (NOEL) for the developing conceptus was considered to be 250 mg/kg/day.

**MUTAGENICITY:** Does not induce DNA repair in cultured human epithelial cells. Not clastogenic in human lymphocytes metaphase analysis. Not mutagenic by the Ames test.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Sodium bromide is an inorganic salt, which fully dissociates in aquatic environment to bromide and sodium ions. It also undergoes degradation in soil to bromide ion (no further degradation or biodegradation will occur.)

**AQUATIC TOXICITY (ACUTE)**

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96-HOUR LC<sub>50</sub>: > 1000 mg/L (Rainbow Trout)48-HOUR EC<sub>50</sub>: > 1000 mg/L (Daphnia Magna)

### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not regulated.

CERCLA RQ: No.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Below you will find the hazard information that is required on the EPA pesticide label.

#### GENERAL COMMENTS: HAZARD INFO FOUND ON THIS PRODUCT'S LABEL, EPA Reg. No 46043-29

Prolonged Eye or Skin contact may cause severe irritation.

Harmful if absorbed through skin.

Toxic to fish and aquatic organisms.

#### EPA FIFRA APPROVED LABEL SIGNAL WORD - CAUTION

### 16. OTHER INFORMATION

Date Revised: 06/15/2015

REVISION SUMMARY: This SDS replaces the 06/15/2015 SDS.

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