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**FOR CHEMICAL EMERGENCY**  
Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident  
Call CHEMTREC 1-800-424-9300

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

**Section 1 - Product Identification**

Product Name: BTF® Iodophor Sanitizer

Product ID: 1100X

**Section 2 - Composition/Information on Ingredients****CHEMICAL NAME**

Iodine

**CAS REG. #**

7553-56-2

Hydriodic acid

10034-85-2

*Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percent of composition are proprietary to National Chemicals, Inc.***Section 3 - Hazards Identification****DANGER! CORROSIVE.** Causes burns to eyes, skin and mucous membranes.**EYES:** Corrosive to the eyes and may cause severe damage including blindness.**SKIN:** Corrosive to skin.**INGESTION:** Ingestion causes burns of the upper digestive and respiratory tracts.**INHALATION:** May cause irritation of respiratory tract.**Section 4 - First Aid Measures****EYE CONTACT:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately**SKIN CONTACT:** Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately**INGESTION:** Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person**INHALATION:** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician**Section 5 - Fire Fighting Measures****FIRE HAZARD:** Will burn if dried and heated with a flame. The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**PROTECTIVE EQUIPMENT:** Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA: Health 3 Fire 1 Reactivity 1

**Section 6 - Accidental Release Measures****PERSONAL PRECAUTIONS:** Avoid contact with skin, eyes and clothing. Use personal protective equipment.**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillage cannot be contained.**CLEAN UP:** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.**Section 7 - Handling and Storage****HANDLING:** Avoid contact with skin, eyes and clothing.**STORAGE:** Keep containers tightly closed in a dry, cool and well-ventilated place.**Section 8 - Exposure Controls and Personal Protection****ACGIH TLV:** Ceiling: 0.1 ppm**OSHA PEL:** Ceiling: 0.1 ppm/1 mg/m<sup>3</sup>**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.**EYE/FACE PROTECTION:** Safety glasses with side shields or goggles.**SKIN PROTECTION:** Protective gloves, Long sleeved clothing, Chemical resistant apron**GENERAL HYGIENE:** Handle in accordance with good industrial hygiene and safety practice.

**Section 9 - Physical and Chemical Properties**

APPEARANCE: dark brown  
 FORM: liquid  
 SPECIFIC GRAVITY: 1.24  
 DENSITY: 10.3 lb/gal  
 WATER SOLUBILITY: soluble  
 pH: < 2

**Section 10 - Stability and Reactivity**

CHEMICAL STABILITY: Stable under normal conditions.  
 INCOMPATIBLE MATERIALS: bases, bleach, metals

**Section 11 - Toxicological Information**

LD50 ORAL: 14000 mg/Kg  
 LC50 INHALATION: 137 ppm  
 CARCINOGENICITY: Contains no ingredient listed as a carcinogen

**Section 12 - Ecological Information**

FRESHWATER FISH: LC50 (96 h) 0.53 mg/L  
 WATER FLEA: LC50 (48 h) 0.16 mg/L

**Section 13 - Disposal Considerations**

DISPOSAL METHOD: Dispose of in accordance with local regulations. Should not be released into the environment.  
 PACKAGING: Empty containers should be taken for local recycling, recovery or waste disposal.

**Section 14 - Transport Information**

DOT NON-BULK: Not regulated      DOT BULK: Not regulated      IMDG: Not regulated      ICAO/IATA: Not regulated

**Section 15 - Regulations**

COMPONENT	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Iodine	Present	X	-	231-442-4	-	-	X	97-3-0138	X	X
TSCA:	Complies									

CALIFORNIA PROPOSITION 65: This product does not contain any Proposition 65 chemicals.

STATE RIGHT-TO-KNOW: Iodine list in Massachusetts, New Jersey, Pennsylvania, and Rhode Island.

**Section 16 - Other Information**

SUPERCEDES DATE: January 1, 2005

*The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*