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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****CAS REG. #**

Iodine

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**

NFPA: Health 3 Fire 1 Reactivity 1

**EMERGENCY OVERVIEW:** DANGER! CORROSIVE. Can cause burns to the respiratory tract, skin, eyes and gastrointestinal tract. Can cause permanent eye damage. May be harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or mist. Keep container tightly closed. Wash thoroughly after handling.**EYE CONTACT:** Can cause severe irritation, corrosion, and damage to eyes**SKIN CONTACT:** May cause severe irritation and corrosion of tissue**INHALATION:** Prolonged exposure can cause severe irritation, possible burns with pulmonary edema.**INGESTION:** May cause irritation, corrosion/ulceration, nausea, and vomiting.**Section 4 - First Aid Measures**

GET MEDICAL ATTENTION IMMEDIATELY.

**EYES:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes lifting the upper and lower eyelids intermittently. Washing eyes within several seconds is essential to achieve maximum effectiveness.**SKIN:** Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing and shoes before reuse.**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.**INGESTION:** Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.**Section 5 - Fire Fighting Measures****FIRE HAZARD:** Will burn if dried and heated with a flame. Thermal decomposition can lead to release of irritating gases and vapors.**EXTINGUISHING MEDIA:** Use extinguishing agents appropriate for surrounding fire.**Section 6 - Accidental Release Measures**

Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel away. Contain spilled material with dikes, sandbags, etc. Flush spill area with plenty of water to dilute before introducing it to the sewers or soak up with inert absorbent material.

**Section 7 - Handling and Storage****HANDLING:** Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.**STORAGE:** Keep container tightly closed and properly labeled. Keep separated from incompatible substances (see Section 10 of the MSDS).**Section 8 - Exposure Controls and Personal Protection****VENTILATION:** Provide local exhaust ventilation where vapor or mist may be generated.**EYE PROTECTION:** Wear safety glasses with side shields.**SKIN:** Use impervious gloves (rubber or neoprene). Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Always place pants legs over boots. Thoroughly clean and dry contaminated clothing before reuse.**Section 9 - Physical and Chemical Properties****APPEARANCE:** dark brown liquid**WATER SOLUBILITY:** soluble**SPECIFIC GRAVITY:** 1.24**pH:** < 2**DENSITY:** 10.3 lb/gal

**Section 10 - Stability and Reactivity**

STABILITY: Stable

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**

Reuse or reprocess if possible. Dispose in accordance with all applicable regulations. Should not be released into the environment.

**Section 14 - Transport Information**

Not classified as hazardous according to Department of Transportation.

**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**

SUPERSEDES DATE: May 11, 2009

*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.*