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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® Q.A.® Sanitizer/Disinfectant, all sizes

Product ID: 1101X

Section 2 - Composition/Information on Ingredients

CHEMICAL AND COMMON NAME

Alkyl dimethyl benzyl ammonium chloride (C12-18)

Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)

Ethanol

CAS REG.

68391-01-5

85409-23-0

64-17-5

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

EMERGENCY OVERVIEW: May cause irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

EYE CONTACT: May cause burns and may result in permanent injury.

SKIN CONTACT: May cause burns and irritation.

INHALATION: Mists and vapors can irritate the throat and respiratory tract. Symptoms may include headaches, dizziness, and drowsiness.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5 - Fire Fighting Measures

FLASH POINT: 104°F (40.0°C) - Pensky Martin Closed Cup

UPPER AND LOWER FLAME LIMITS: Not determined

FIRE AND EXPLOSION HAZARDS: Mixtures can form with air. Combustion products are toxic. Solvent vapors can travel to an ignition source and flash back.

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide or water fog. Solid water streams may spread burning liquid.

HAZARDOUS COMBUSTION PRODUCTS: Irritating and toxic gases or fumes may be released during a fire.

Section 6 - Accidental Release Measures

Isolate spill or leak area immediately. Eliminate all ignition sources (no smoking, flares, sparks or flames) in immediate area. Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed 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. Store in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

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.

GENERAL: Eye wash fountain is recommended.

INGREDIENT	EXPOSURE GUIDELINE	GUIDELINE VALUE
Ethanol 64-17-5	ACGIH TLV (2005), OSHA PEL & NIOSH REL	1000 ppm (TWA)

Section 9 - Physical and Chemical Properties

APPEARANCE: green colored liquid

SPECIFIC GRAVITY: 0.9487 (7.87 lb/gal)

VAPOR PRESSURE: No data available

EVAPORATION RATE: No data available

ODOR: odorless

PERCENT VOLATILES: 20% (weight %)

VAPOR DENSITY: No data available

Section 10 - Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: Keep away from heat and strong oxidizing agents.

INCOMPATIBLE MATERIALS: Strong oxidizing agents (may result in fire.), reducing agents

HAZARDOUS DECOMPOSITION: Carbon monoxide, carbon dioxide hydrogen chloride vapors

POLYMERIZATION: Will not occur

Section 11 - Toxicological Information

CARCINOGENICITY: No Carcinogenicity data available for this product.

PRIMARY SKIN: Corrosive, severe irritant

PRIMARY EYE: Corrosive, sever ocular irritant

Section 12 - Ecological Information

ECOTOXICITY: Very Toxic to aquatic organisms.

ENVIRONMENTAL FATE: This product is biodegradable.

Section 13 - Disposal Considerations

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

Not classified as hazardous according to Department of Transportation.

Section 15 - Regulations

TSCA: This product is regulated as a pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

SARA TITLE III, SECTIONS 311/312: Classification of this product: Immediate, Fire

SARA TITLE 313: No ingredients listed in this section.

CERCLA: No ingredients listed in this section.

STATE RIGHT TO KNOW

INGREDIENT	STATE LIST
Benzyl Chloride (trace < 100 ppm)	AZ, CA, CAP65C, CT, FL, IL, MA, MN, NJ, PA, RI
Ethanol	AZ, CA, CT, FL, ID, MA, MN, NJ, PA, RI

Section 16 - Other Information

SUPERSEDES DATE: June 24, 2010

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.