

HMIS RATING	
Health	2
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	4
Reactivity	0
NFPA 308 LEVEL	
1	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-781
PRODUCT NAME.....Foaming Disinfectant Cleaner, EPA Reg
#11694-34
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Water (7732-18-5)	-	-	-	60-100
Tetrasodium EDTA (64-02-8)	-	-	-	3-7
Isobutane (75-28-5)	800ppm	800ppm	-	3-7
Propane (74-98-6)	1000ppm	2500ppm	-	1-5
2-Butoxyethanol (skin designation) (111-76-2)	50ppm	20ppm	-	1-5
Butoxydiglycol (112-34-5)	-	-	-	1-5

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. (+=Non-Hazardous Component)

3. PHYSICAL DATA

BOILING POINT (RANGE).....212°F
VAPOR PRESSURE PSIG @ 70°F.....70±5
VAPOR DENSITY (AIR = 1).....>1
SOLUBILITY IN WATER.....Complete
SPECIFIC GRAVITY (H₂O = 1).....N.D.
MELTING/FREEZING POINT.....1.01
EVAPORATION RATE (Butyl Acetate=1).....N.D.
VOC content (by weight).....77g/L, 7.9%
APPEARANCE AND ODOR.....Clear/Fragrant

4. FIRE AND EXPLOSION DATA

FLASH POINT.....N.D.
UPPER EXPLOSIVE LIMIT (%).....N.D.
LOWER EXPLOSIVE LIMIT (%).....N.D.
EXTINGUISHING MEDIA.....Not usually necessary as this product does not readily support combustion. Use an extinguishing agent applicable to the fire's fuel source.
SPECIAL FIREFIGHTING PROCEDURES.....Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.
FIRE AND EXPLOSION HAZARDS.....Aerosol container may burst if heated over 120F.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Eyes, Inhalation, Ingestion, Skin
HEALTH HAZARDS (ACUTE AND CHRONIC).....Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.
SIGNS & SYMPTOMS OF EXPOSURE.....Redness, tearing, burning in eyes. Redness, drying of skin. Dizziness, nausea and loss of coordination possible if inadequate ventilation.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....Preexisting skin & lung disorders may be aggravated by prolonged or repeated occupational overexposure.

5. HEALTH EFFECTS DATA (CONT'D)

FIRST AID PROCEDURES

EYES.....Flush with water for at least 15 minutes; obtain medical attention
SKIN CONTACT.....Wash with soap, large volumes of water; remove contaminated clothing
INGESTION.....Drink plenty of water. Do not induce vomiting; gastric lavage; obtain medical attention
INHALATION.....Remove to fresh air; seek immediate medical attention; if breathing stops, begin artificial respiration; administer oxygen; obtain medical attention

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....This product contains trace chemicals (Ethylene Oxide and Propylene Oxide) known to the State of California to cause cancer, birth defects and other reproductive harm.

6. REACTIVITY

STABILITY.....Stable
INCOMPATIBILITIES.....Strong acids and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS.....CO₂, CO, nitric acid, hydrochloric acid & nitrous oxide
HAZARDOUS POLYMERIZATION.....Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS.....None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety glasses; NIOSH approved respirator; ventilation sufficient to maintain vapor concentrations below TLV
WASH REQUIREMENTS.....Wash with soap and water before eating, smoking, or using restroom
SPILL OR LEAK PROCEDURES.....Use absorbent sweeping compound to soak up material; eliminate all ignition sources; wear protective clothing; place used absorbent into container
WASTE DISPOSAL METHODS.....Dispose of remaining material in accordance with local, state, and federal guidelines
HANDLING & STORAGE.....Store at temperatures below 120°F; keep away from heat, sparks, or open flame
OTHER PRECAUTIONS.....When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

Specializing in Materials Management since 1923