MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor Kinzua Environmental, Inc.	**Emergency Phone** (216)881-4040
Address 1176 East 38th Street Cleveland, OH 44114	CHEMTREC 1-800-424-9300
Trade Name TB FORMULA II	**Product Type** Spray Disinfectant Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
n-Alkyl dimethyl benzyl ammonium chlorides	68391-01-5*		Not Established
n-Alkyldimethyl ethylbenzyl ammonium chlorides	68956-79-6*		Not Established
Diethylene Glycol Butyl ether*	112-34-5	5-10	Not Established
Tetrasodium ethylenediamine tetraacetate	64-02-8		Not Established

SARA HAZARD TITLE III,SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED PERCENTAGES

Other ingredients in this product are : [X] Less than 1% by weight or less than 0.1% for carcinogens [X] Not hazardous [X] Declared to be Trade Secret

SECTION 3-- PHYSICAL DATA

Boiling point(°F.) near 212	**Specific Gravity(H2O=1.0)** (± 0.005) 1.005	**pH** (± 0.5) 12.5	
Vapor Pressure(mm Hg) Unknown	**Vapor Density(Air=1)** Unknown		
Solubility in water [X] Complete [ ] Insoluble	[ ] Emulsifiable (or Dispersible)	[ ] Slight (or Partial)	
Evaporation Rate(vs. H2O) [ ] Faster	[ ] Slower	[X] About the Same	
Appearance and Odor Liquid, pleasant odor			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.) °F. [X] None to Boiling	**Flammable Limits** **Upper** Unknown **Lower** Unknown
Extinguishing Media CO2, dry chemical, foam, water spray.	
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards None known.	

SECTION 5 - REACTIVITY DATA

Stability Stable	**Incompatibility** Strong oxidizers
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure [X] Eye [X] Skin [X] Oral [X] Inhalation [ ] Other

Signs and Symptoms of Overexposure (Acute) Prolonged or repeated contact of concentrated product with skin and/or eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is not employed.

Signs and Symptoms of Overexposure(Chronic) None known

Medical Conditions Aggravated by Overexposure None known

Carcinogen/Suspect Carcinogen Ingredients [ ] NTP [ ] OSHA [ ] IARC [X] NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes Flush immediately with water for at least 15 minutes. Call a physician.

Skin Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.

Ingestion If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.

Inhalation No known ill effects from inhalation. If breathing becomes difficult, remove exposed person to fresh air. Treat symptomatically and investigate other possibilities.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection Not needed under normal conditions of use.

Ventilation Requirements [ ] Local Exhaust [X] Mechanical [ ] Other

Protective Gloves Rubber **Eye Protection** Safety glasses/goggles **Other Protective Clothing** May be needed where likely exposure may occur

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.

Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.

27-89C

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