

~~SECRET~~

117366

MATERIAL SAFETY DATA SHEET

Product Name: #439 - TAKE 1 GLASS & SURFACE DISINFECTANT CLEANER  
Chemical Family: Water Based Cleaner  
Proper DOT Shipping Name: Liquid Cleaning Compound

Hazard Rating Scale	
4 = Extreme	
3 = High	
2 = Moderate	
1 = Slight	
0 = Not Hazardous	

Health: 0
Fire: 0
Reactivity: 0

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Date Prepared: 10-08-82

Section 2: HAZARDOUS INGREDIENTS (Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1201)

Chemical Name	MSD	ELC	CLP/SL
Alkyl dimethyl benzyl ammonium chloride	NE	NE	00000000
Quaternary ammonium chloride	NE	NE	00000000
Dioctyl dimethyl ammonium chloride	NE	NE	00000000
Dibutyl dimethyl ammonium chloride	NE	NE	00000000
Diethylene glycol ether ammonium chloride	NE	NE	00000000
Diethylene glycol ether	NE	NE	00000000
Linear aliphatic amine oxide	NE	NE	00000000
Glycerin	NE	NE	00000000
Monocarboxylic acid	NE	NE	00000000
Nonionic Surfactant	NE	NE	00000000
Hydrogen Peroxide	NE	NE	00000000
Aliphatic Fresh Perfume	NE	NE	00000000

SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: Not known  
SPECIFIC GRAVITY: Not known  
EVAPORATION RATE (WATER @ 70°F): Not known  
SOLUBILITY IN WATER: Soluble  
APPEARANCE AND ODOR: Clear liquid, Pleasant fragrance  
pH: 8.5 - 9.5

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT (TCC): >200°F  
FLAMMABLE LIMITS - LFL: Not known, UFL: Not known  
EXTINGUISHING MEDIA - Water or suitable material for primary source of fire  
SPECIAL FIRE FIGHTING PROCEDURES - None  
UNUSUAL FIRE AND EXPLOSION HAZARDS - None known

SECTION 5: STABILITY DATA

STABILITY - Stable  
CONDITIONS TO AVOID - None known  
INCOMPATIBLE MATERIALS TO AVOID - Strong oxidizing agents  
HAZARDS OF COMBINATION WITH OTHERS - Upon decomposition, may yield poisonous gases including carbon dioxide and ammonia  
HAZARDOUS POLYMERIZATION - Not known  
CONDITIONS TO AVOID - None

SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY - EYES (X) SKIN (X) INGESTION (X) INHALATION ( )  
ACUTE HAZARDS (ACUTE AND CHRONIC)  
ACUTE - Causes eye irritation. (Ocular) (None known based on OSHA Criteria)  
CHRONIC - None known based on OSHA Criteria  
CARCINOGENICITY, MUTAGENICITY, TERATOGENICITY - OSHA REGULATED? No  
SYMPTOMS AND EFFECTS - Eyes: Irritation, redness, tearing, swelling, pain, photophobia, blurred vision  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - None known  
EMERGENCY AND FIRST AID PROCEDURES  
EYES - Immediately flush eyes with plenty of water. Contact a physician.  
SKIN - Flush skin with plenty of water. Contact a physician if irritation occurs.  
SWALLOWING - Get immediate medical attention if swallowed.

SECTION 7: CONTROL PRECAUTIONS (PPE, STORAGE, HANDLING, AND LABEL)

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - Absorb spilled material and sweep up  
WASTE DISPOSAL METHOD - Dispose of in accordance with all applicable regulations  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE - Wash thoroughly after handling. Avoid breathing or excessive heat.  
OTHER PRECAUTIONS - Do not mix with other chemicals.

SECTION 8: REGULATORY INFORMATION

RESPIRATORY PROTECTION - Not required with normal usage  
EXPOSURE LIMITS - Normal room ventilation  
PROTECTIVE CLOTHING - Rubber gloves or other impervious gloves recommended  
EYE PROTECTION - Avoid contact with eyes

This product is not regulated under CERCLA or RCRA. This product is not reportable under SARA Title III Section 311(b)(2).  
N/A = Not Applicable NE = Not Evaluated Prepared by: Cindy Schneider, Director of Research