MATERIAL SAFETY DATA SHEET

A2Z-1310

Prepared by: Regulatory Affairs Dept.
(Prepared According to 29 CFR 1910.1200) Effective Date: 9/10 Revision: N/A

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer’s Name: Misco Products Corporation
Product Name: A2Z
Generic Name: Disinfecting Glass & Multi-Surface Cleaner
Chemical Family: Quaternary/Solvent Alcohol Blend
Supplier’s Name: Misco Products Corporation
Supplier’s Address: 1048 Stinson Drive Reading, PA 19605
Supplier’s Phone #: (610) 926-4106

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME CAS NO. WT. % PEL TWA-TLV STEL-TLV
Water 7732-18-5 to 100
Isopropyl Alcohol 67-63-0 0 to 5
Alkyl dimethyl benzyl ammonium chloride (C12,18) 68424-85-1 < 0.1
Octyl decyl dimethyl ammonium chloride 32426-11-2 < 0.1
Decyl dimethyl ammonium chloride 5538-94-3 < 0.1
Didecyl dimethyl ammonium chloride 7173-51-5 < 0.1
Monoethanolamine 141-43-5 0 to 1
Fragrance N/A 0 to 1
Dye N/A 0 to 1

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. Specific Gravity: 1.00
Vapor Pressure: 20mm Hg @ 68 F. Vapor Density (Air=1): >1
% Volatile: 99+ pH: 10.5 – 11.5
Solubility in Water: Complete Evaporation Rate (Water=1): >1
Physical Description: Thin opal green/yellow liquid with pleasant odor.
VOC Content: < 2.1% by weight

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 212° F
Upper Explosion Limit: N/A Lower Explosion Limit: N/A
Extinguishing Media: Foam, CO2, or Dry Chemical
Special Firefighting Procedures: N/A
Unusual Fire and Explosion Hazards: None

SECTION 5-REACTIVITY DATA

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong oxidizers.

SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Moderate Eye Irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Harmful if swallowed or absorbed through skin. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Mildly irritating. Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. Liquid and mist may irritate the eyes, causing redness, tearing, and burning sensation.
Inhalation: Mists may be irritating to the mucous membranes of the nose, throat, and lungs.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Seek medical attention or call poison control center immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Steps to be taken in Case Material is Released or Spilled: Extinguish all ignition sources. Open window or doors, ventilate area well. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways. Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 9-SPILL OR LEAK PROCEDURES

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories: Shipping Information: HMIS Hazardous Materials Identification System
No - Fire Hazard FOR CONTAINERS > 1 Gallon : Cleaning Compound Health 1
No - Sudden Release of Pressure Hazard For 1 GALLON CONTAINERS : Cleaning Compound Flammability 0
No - Reactivity Hazard FOR CONTAINERS < 1 GALLON : Cleaning Compound Reactivity 0
Yes - Immediate (acute) Health Hazard Personal Protection A
No - Delayed (chronic) Health Hazard

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This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.