

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Crosslinker Catalyst
Product Class: Water-borne coating catalyst
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer's Name and Address:
Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Polyfunctional Aziridine CAS #64265-57-2	> 90

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Yellow liquid
Primary Hazards: Irritant

Potential Health Hazards

Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X
Eye: Corrosive to eyes.
Skin: May cause irritation. Prolonged contact may cause sensitization.
Ingestion: May be harmful if swallowed.
Inhalation: Breathing mists may cause lung damage or allergic reaction.
Signs and Symptoms of Exposure: Irritation on direct contact.
Carcinogenicity: NTP? No IARC Monographs? No
OSHA Regulated? No
Target Organ (s): No effects expected.
Medical Conditions Generally Aggravated by Exposure: Sensitizer for allergic persons.
Health Hazards, Chronic: See Section XI

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:
If Swallowed: Do not induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. **Eye Contact:** Flush eyes with running water for at least 15 minutes. Obtain medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.
Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: Combustible liquid III B. **Autoignition Temperature:** N. Ap.
Flash Point (method used): > 200°F PMCC
Flammable Limits: N. Ap. LEL UEL
Extinguishing Media N. Ap.
Water Foam X Water Fog X
Alcohol Foam CO₂ X Dry Chemical X
Vaporizing Liquid Other
Special Fire Fighting Procedures: Fight fire from safe distance. Use water to cool containers to prevent pressure build up.
Unusual Fire and Explosion Hazards: Can become unstable at elevated temperature. May react with water but not violently.
TDG Flammability Classification: Non-flammable
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:
Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:
Storage Temperature: Minimum 40°F (4°C); Maximum 100°F (38°C)
Other Precautions: Keep out of reach of children. Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required for normal application.
Ventilation: Local Exhaust: Not required Special: Not required
Mechanical (General): Normal good ventilation sufficient.
Other: Not required
Protective Gloves: Neoprene rubber
Eye Protection: Approved safety goggles or glasses. **Footwear:** Not required
Other Protective Clothing or Equipment: Not required
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N. Av. **pH:** N. Av.
Specific Gravity (H₂O) = 1: 1.068 **% Volatile:** <5%
Vapor Density (Air = 1): > 1 **Odor Threshold:** N. Av.
Evaporation Rate (Butyl Acetate = 1): N. Av. **Oil/Water Distribution**
Solubility in Water: Complete **Coefficient:** N. Av.
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: Contamination with acidic materials, heat, direct sunlight, ultraviolet radiation, strong oxidizing and freezing conditions.
Incompatibility (materials to avoid): Acidic materials, anhydrides and strong oxidizers.
Hazardous Decomposition or By-products: Normal combustion products including carbon dioxide, carbon monoxide and oxides of nitrogen.
Hazardous Polymerization: May occur: If mixed with acidic materials.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	None	None	N. Av.	3038 mg/kg (rat)	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: Mutagenic Activity: Crosslinker Catalyst was tested for potential mutagenic activity in microbial assays using the reverse mutation technique described by Ames. A dose-related increased reversion frequency over the spontaneous rate was obtained, and a value of 0.18 revertants per microgram was calculated. Chemicals similar in structure to Crosslinker Catalyst have been found to cause cancer in laboratory animals.
Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.
Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Dispose of waste material according to local, state and federal pollution control regulations.
RCRA Hazard Class: None

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Paint, lacquer or varnish, NOI
UN Number: N. Ap.
Packing Group: N. Ap.

SECTION XV - PREPARATION DATA

Prepared By: Mike Tarvin
Telephone Number: 651-481-1900
Date: 12-09

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quantity: None
SARA Title III
Section 302 Extremely Hazardous Chemicals: N.A.
Section 311/312 Hazard Category: Immediate health, chronic health
Section 313 Toxic Chemicals: N.A.
State Regulations
NOTICE STATE OF CALIFORNIA
Warning: Chemicals known to the State of California to cause cancer may be present as trace impurities or present in the standard industrial raw materials used in the manufacture of this product.
International Regulations
WHMIS Controlled Product Hazard Class: D2B

SECTION XVII - OTHER INFORMATION

None
N. Ap. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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