

Material Safety Data Sheet

(Prepared According To 29 CFR 1910.1200)

Effective Date: 8/15/96

N/A=Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

Product Number: 78
 Product Name: **DEO-DIS 9%**
 Generic Name: Disinfectant Cleaner for Porcelain/Toilet Bowls/Urinals
 Supplier's Name: **RICMAR INDUSTRIES**
 Supplier's Address: **889 NORTH LARCH AVENUE
 ELMHURST, IL 60126**

Chemical Family: N/A
 Formula: N/A
 Phone Number: (630) 559-9500
 Emergency: (800) 535-5053

NPCA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
Hydrochloric Acid	7647-01-0	9.0	C5 ppm	N/A	C5 ppm	No
Nonionic Surfactant	9016-45-9	0 to 5				No
Nonionic Surfactant	34398-01-1	0 to 5				No
Acrylic Emulsion	N/A	0 to 5				No
Perfume Oil	N/A	0 to 5				No
Citric Acid	77-92-9	0 to 5				No
Nonionic Surfactant	61788-90-7	0 to 5	N/E	N/E		No
Dihydrosafrole	94-58-6	0 to 5				No
Amphoteric Surfactant	68298-20-4	0 to 5				No
Quaternary Ammonium Chloride	68424-95-3	0.05				No

This product contains the following toxic chemicals 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:

CAS#	Chemical Name	Percent by Weight
94-58-6	Dihydrosafrole	.2

SECTION 3 - PHYSICAL DATA

Boiling Range: 214°F initial
 Vapor Pressure: 25mm Hg @ 68°F
 % Volatile: 95+
 Solubility in Water: 100%
 Physical Description: Thin milky blue liquid with pleasant odor.

Specific Gravity: 1.04
 Vapor Density: (Air=1): >1
 pH: <1.5
 Evaporation Rate: (Water=1): <1

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Concentrate Flash Point (Method): N/A
 Propellant Flash Point (Method): N/A
 Flash Point (Method): None to boiling. (TCC)
 Extinguishing Media: N/A
 Special Fire Fighting Procedures: N/A
 Unusual Fire and Explosion Hazards: N/A

Explosive Limits
 Upper: N/A
 Lower: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable.
 Incompatibility (Materials to Avoid): Strong alkalis, most metals, bleach.

Hazardous Decomposition Products: Hydrogen or chlorine gas.

Hazardous Polymerization: Will not occur.

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 Keep out of reach of children.
 Keep container closed during storage. For institutional and commercial use.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
 Primary Route of Entry:
 Skin: Skin irritant. Prolonged or repeated exposure can cause dermatitis.
 Eyes: Severe eye irritant. Liquid and mist can cause tearing, possible swelling of the conjunctiva, and corneal injury.
 Inhalation: May be irritating to the mucous membranes of the nose, throat, and lungs.
 Ingestion: May be irritating or corrosive to the mouth, throat, and upper gastrointestinal tract, large doses can cause vomiting.

First Aid Procedures:
 Skin: Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.
 Eyes: Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
 Inhalation: Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
 Ingestion: Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.
 Protective Gloves: Acid proof.
 Other Protective Equipment: N/A

Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
 Eye Protection: Chemical anti-splash goggles.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
 Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method:
 Any method in accordance with applicable laws.