

Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements

U.S. Department of Labor  
 Occupational Safety and Health  
 Administration  
 (Non-Mandatory Form)  
 OMB no. 1218-0072

Identity ( as used on Label & List)

Note: Blank spaces are not permitted. If any item  
 is not applicable, or no information is applicable  
 the space must be marked to indicate that.

**Ceiling & Wall Concentrate**

**Section I**

Manufacturer's Name :  
 Duraclean International, Inc.

Emergency Telephone Number :  
 847-704-7100

Address (Number, Street):  
 220 Campus Drive

Telephone Number for information :  
 847-704-7100

Address (City, State & Zip Code):  
 Arlington Heights, IL 60004

Date Prepared: December 7, 1988

Signature of Preparer:  
 Henry Hakewill, Jr.

**Section II - Hazardous Ingredients / Identity Information**

Hazard Components (Specific Chemical Identity): (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Opt.
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Ammonium Hydroxide		25 ppm		
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Isopropanol		400 ppm		
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Dipropylene Glycol Monomethyl Ether		100 ppm		
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Ethylene Glycol Monobutyl Ether		25 ppm		
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Product is a blend of detergents, surfactants and

solvents in a water base.

Not Estab.

**Section III - Physical / Chemical Characteristics**

Boiling Point (°F)	200-212	Specific Gravity (H2O=1)	N/A
Vapor Pressure (mmHg)	NIA*	Melting Point	NIA
Vapor Density (AIR = 1)	NIA	Evaporation Rate (Butyl Acetate = 1)	NIA

Solubility in Water  
 Completely miscible

Appearance and Odor  
 Clear solution with sharp odor.

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits (In air) N/A	LEL N/A	UEL N/A
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Extinguishing Media  
 N/A

**Section IV - Fire and Explosion Hazard Data cont.**

Special Fire Fighting Procedures  
N/A

**Unusual Fire and Explosion Hazards**

N/A Flammable ingredients are present in very low concentration in a water base.

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

**Incompatibility (Materials to Avoid)**

Strong acids, strong bases, strong oxidizing agents.

**Hazardous Decomposition or Byproducts**

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	N/A

**Section VI - Health Hazard Data**

Route(s) of Entry:                      Inhalation? Yes                      Skin? Yes                      Ingestion? Yes

**Health Hazards (Acute and Chronic)**

Contact will cause acute irritation of skin & eyes. Ingestion results in acute irritation of mucous membranes in mouth, throat and stomach. Inhalation of vapor will cause acute nose and throat discomfort.

Carcinogenicity:                      NPT?                      IARC Monographs?                      OSHA Regulated?  
N/A

**Signs & Symptoms of Exposure**

Bloodshot eyes, burning sensation in nose and throat, headache, nausea, drowsiness and shortness of breath.

**Medical Conditions**

Generally Aggravated by Exposure  
Breathing difficulties, skin problems.

**Emergency and First Aid Procedures**

Eyes: immediately flush with water for 15 minutes. See a physician if irritation persists.

Skin: wash off with water.                      Inhalation: remove to fresh air.

Ingestion: drink a pint of lukewarm water and then immediately induce vomiting. Call a physician.

Emergency and First Aid Procedures cont.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

For small amounts, flush to sewer with water. For large quantities, provide ventilation and soak up liquid with inert solid material. Shovel into drums and seal.

**Waste Disposal Method**

Dispose of sealed drums in an approved hazardous waste management facility.

**Precautions to be Taken in Handling and Storing**

Store in a cool area.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Production personnel should wear MSHA-NIOSH approved respirator.

Ventilation	Local Exhaust: Natural draft is adequate	Special: N/A
	Mechanical (General) Not required	Other N/A

Protective Gloves:  
Rubber

Eye Protection: Production personnel should wear chemical safety goggles.

**Other Protective Clothing or Equipment**

Production personnel should wear rubber aprons.

**Work/Hygienic Practices**

DO NOT TAKE INTERNALLY. Wash hands before eating.