

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 & Health
Administration
(Non-Mandatory Form)
OSHA no. 121B-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.

CARPET & RUG ULTIMATE

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)
Arlington Heights, IL 60004

Date Prepared:
October 10, 1995
Signature of Preparer:
Henry Hakewill, Jr.

Section II - Hazardous Ingredients / Identity Information

Hazard Components (Specific Chemical Identity):

Spec. Chemical Identity:	Common Name(s)	CAS No.	OSHA PEL	ACGIH TLV
Polyoxypropylene-Polyoxy-ethylene polymer	Surfactant	1111 34 5	NE* NE*	
Octylphenoxypolyethoxy-ethanol	Surfactant	9031-19-5	NE*	NE*
Ammonium hydroxide	Aqua Ammonia	1336-21-6	35ppm	35ppm
Propylene glycol methyl ether	PM Solvent	107-98-2	100ppm	100ppm

Section III - Physical / Chemical Characteristics

Boiling Point (F)	NE*	Specific Gravity (H2O=1)	1 (approx)
Vapor Pressure (mmHg)	NE*	Melting Point	N/A
Vapor Density (AIR = 1)	NE*	Evaporation Rate (Butyl Acetate =1)	NE*

Solubility in Water
Miscible

Appearance and Odor
Cloudy liquid with faint yellow-green tint & mild ammonia odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A (non-flammable)		N/A	N/A

Extinguishing Media

If vapors ignite, use alcohol type foam, carbon dioxide or dry chemical to extinguish. Use water spray to keep fire exposed containers cool to prevent pressure build up & possible rupture.

*Not Established

Section IV - Fire and Explosion Hazard Data cont.

Special Fire fighting Procedures

Wear protective clothing & full face piece positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Releases flammable vapors when exposed to elevated temperatures. These may be heavier than air; so may travel long distances along the floor before igniting & flashing back to vapor source.

Section V - Reactivity Data

Stability	Unstable -	Conditions to Avoid
		oxygen, strong oxidizing agents,
	Stable - X	excessive heat

Incompatibility (Materials to Avoid)

strong acids, alkalies, oxidizing agents, sodium hydroxide, bleach

Hazardous Decomposition or Byproducts

carbon monoxide, carbon dioxide, ammonia gas & other toxic gases

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

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

May cause acute eye & skin irritation. Prolonged or repeated exposure can result in absorption through skin. Excessive inhalation of vapors may cause coughing, shortness of breath & dizziness. Swallowing may cause coughing, irritation of mouth, throat & abdomen, nausea & gastric disturbance. No significant chronic health hazards are expected.

Carcinogenicity:	NPT? No	IARC Monographs? No	OSHA Regulated? No
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Signs & Symptoms of Exposure

Redness & irritation of eyes, itching of skin or soapy feeling on skin. Irritation of nasal passages or breathing difficulty. Irritation of mouth & throat or gastrointestinal discomfort.

Medical Conditions Generally Aggravated by Exposure

Dermatitis, asthma

Emergency and First Aid Procedures

Eyes - flush with water for 15 minutes.

Skin - remove contaminated clothing, flush affected skin thoroughly with water. Launder clothing before reuse.

Inhalation - remove to fresh air. If breathing is difficult, give oxygen. If breathing stops, give mouth-to-mouth resuscitation & get immediate medical attention.

Ingestion - DO NOT INDUCE VOMITING. Get immediate medical attention. If symptoms of any of the above exposures persist or worsen, obtain prompt medical attention.

Section VII - Precautions for Safe Handling and UseSteps to be Taken in Case Material is Released or Spilled

Small spills - absorb liquid with paper, vermiculite or other inert absorbent material & transfer to labeled containers fitted with sealed covers.

Large spills - if possible, stop at source. Dike area to prevent spread & pump liquid into salvage tank. Clean-up residue as described above under "Small spills".

Waste Disposal Method

Dispose of in an approved hazardous waste facility in accordance with all local, state & federal regulations.

Precautions to be Taken in Handling and Storing

Store in a cool place. Exercise care when handling, transferring or using product to avoid spillage & contact with personnel.

Section VIII - Control MeasuresRespiratory Protection (Specify Type)

None required for normal usage in well ventilated areas. When using in confined or closed spaces, wear a NIOSH/MSHA approved air supplied respirator.

Ventilation	Local Exhaust: natural cross ventilation is adequate for normal usage.	Special:	N/A
	Mechanical (General) Use mechanical ventilation when working with product in confined or closed spaces.	Other:	N/A

Protective Gloves

Wear impermeable gloves if prolonged or repeated contact is unavoidable.

Eye Protection

Use chemical safety goggles to avoid eye contact due to mists or splashes.

Other Protective Clothing or Equipment

None required for normal usage.

Work/Hygienic Practices

After handling or using product always wash hands before eating, smoking or using restroom. When using product always maintain good natural or mechanical ventilation in the work area.

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC.

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