

Material Safety Data Sheet

Number: **DMN-105**

Product Name: **Kleer® Glass Cleaner (Ready-to-use)**

A liquid detergent.

Revised: 11/11/98

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053
Information phone: 1-800-362-9850 or 330-821-5310
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Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Isopropyl Alcohol	67-63-0	2 - 10%	No
Dipropylene glycol Methyl Ether	345-94-8	1 - 2%	No

Section 3 - Hazards Identification

Emergency Overview: Liquid is mildly irritating to the eyes. Contains alcohol, but product will not burn and poses no hazard in a fire. A light blue liquid with slight isopropyl alcohol odor.

Health Hazards: Possible Irritant

Physical Hazards: None

Primary Routes of Entry: ___Through Skin ___Inhalation XIngestion

Potential Health Effects:

Eyes - may cause irritation, redness, tearing.

Skin - may cause irritation on persons with sensitive skin.

Swallowing - may cause irritation to mouth and throat.

Breathing - none when used according to label directions.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.

Skin Contact: Wash exposed area with soap and water. If irritation develops and persists, get medical attention.

Inhalation: None

Ingestion: If the person is conscious, give two glasses of water to drink. Induce vomiting immediately by sticking finger down throat to trigger gag reflex. Treat for shock by keeping warm and quiet. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: none. 100° F. (ASTM D-56 closed cup) NOTE: There is no open cup flash point. The product is not flammable and will not burn.

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up small spills with a rag or mop. Larger spills can be washed to sewer with plenty of water.

Section 7 - Handling and Storage

Store at temperatures between 40° and 100° F.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Isopropyl Alcohol	67-63-0	2 - 10%	400ppm(1,2,3,4)	500ppm(2,3,4)	-
Dipropylene glycol Methyl Ether	345-94-8	1 - 2%	no established limits are available		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=Canada TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: None.

Respiratory Protection: None when used as directed.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea, but not required.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 200° F.

Specific Gravity: 1.0

Percent Volatiles: 100%

Solubility In Water: Complete

Appearance and Odor: Light blue liquid with slight isopropyl alcohol odor.

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation Rate: Same as water.

pH: concentrate 10.5 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

Section 12 - Ecological Information

Not hazardous, but do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Wash to sanitary sewer with a large amount of water.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA / HMIS Estimates:	Health: 0	Flammability: 0	Reactivity: 0
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0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.