

Material Safety Data Sheet

May be used to Comply with
 OSHA's Hazard Communication Standard 29 CFR 1910.
 Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form) Form Approved OMB No. 1218-0072

Identity (As Used On Label and List)

BLUE GLASS CONC.

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

Section I—Manufacturer's Name

(Address, Street, City, State, & Zip Code)

RICMAR INDUSTRIES
 889 NORTH LARCH AVENUE
 ELMHURST IL 60126

Emergency Telephone Number
 800-323-0779
 Telephone Number for Information
 (630) 559-9500
 Date Prepared
 Revised: 2/18/91

HAZARD RATING

- 0 - Minimal
- 1 - Slight
- 2 - Moderate
- 3 - Serious
- 4 - Extreme

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

Protective Equipment:

Goggles, Gloves

Section II—Hazardous Ingredients / Identity Information

Hazardous Components (Specify Chemical Identity, Common Names)

Isopropyl Alcohol CAS #00-67-63-0

Methanol CAS # 67-56-1

Cocoamido Propyl Betaine CAS # 61789-40-0

subject to reporting requirement sec. 313 of SARA title III of 40 CFR 372.

OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
400 ppm	400 ppm	None	2.8
260 ppm	200 ppm	None	2.9
Not establ.	Not establ.	None	

Section III—Physical Chemical Characteristics

Boiling Point	184°F	Specific Gravity (WATER =1)	0.996
Vapor Pressure	N/D	Melting Point	N/D
Vapor Density	N/D	Evaporation Rate	N/D
Solubility in Water	Infinite		
Appearance and Odor	Clear blue liquid with slight ammonia odor		

Section IV—Fire and Explosion Hazard Data

Flash Point	Flammable Limits	LEL	UEL
> 200 ° F	N/A	N/A	N/A
Extinguishing Media Water spray, alcohol foam or carbon dioxide or dry chemical			

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing
 May be ignited by ignition sources e.g. pilot lights, flames, sparks, heaters

Unusual Fire and Explosion Hazards

None

Stability	Unstable	Conditions to Avoid None
	Stable	
	X	

Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents
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Hazardous Decomposition or Byproducts	May form carbon dioxide and carbon monoxide
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Hazardous Polymerization	May Occur	Conditions to Avoid	None
	Will Not Occur		

Section VI—Health Hazard Data

Route(s) of Entry:	Inhalation?	yes	Skin?	yes	Ingestion?	yes
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Health Hazards (Acute and Chronic)

Acute: Eyes-can cause irritation, redness, tearing. Skin-prolonged or repeated contact can cause irritation, defatting, dermatitis. Breathing-excessive inhalation can cause dizziness, nausea, headache. Ingestion-can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic: None known

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure	Eye and skin irritation; possible dizziness
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Medical Conditions Generally Aggravated	None known
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Emergency and First Aid Procedures	Eyes-flush with large amounts of water, get medical attention
	Skin-thoroughly wash exposed area with soap and water, remove contaminated clothing and launder before re-use
	Inhalation-remove individual to fresh air, if breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration, get medical attention.
	Ingestion-get medical attention.

Section VII—Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Small spills-absorb with absorbent and transfer to containers. Large spills-stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on absorbent and shoveled into containers.
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Waste Disposal	Dispose of according to federal, state and local regulations
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Precautions to be Taken in Handling and Storage	Keep containers closed, keep away from ignition sources Avoid contact with eyes and skin
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Other Precautions	Do not smoke while using product
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Section VIII—Control Measures

Respiratory Protection (Specify Type)	Nonelf TLV of product or any component is exceeded, a NIOSH/MSHA jointly approved or air supplied respirator is advised
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Ventilation	Local Exhaust	If mechanical is not adequate	Special	None
	Mechanical (General)	Should be sufficient	Other	None

Protective Gloves	Rubber or Neoprene	Eye Protection	Chemical splash goggles
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Other Protective Clothing or Equipment	Eye bath & safety shower in work area	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.
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