



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
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MATERIAL SAFETY DATA SHEET

U.S. Department of Labor Occupational Safety and Health Administration
(Non-Mandatory Form)
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
Standard must be consulted for specific requirements.
Form Approved OMB No. 1218-

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN INTERNATIONAL CORPORATION
24 MADISON ROAD
FAIRFIELD, NJ 07004
Tel. # 973-439-1401
Chemtrec Emergency Tel. No.: 800-424-9300
Chemtrec Int'l Tel. No.: 703-527-3887(Collect Calls Accepted)
Last Revision Date: January 6th, 2003
Identity (As used on Label and List): **JEECHEM GL-26**

CAS NUMBER: CONFIDENTIAL SYNONYMS: NONE GENERIC CHEMICAL NAME: POLYETHER POLYOL

SECTION 2-COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

COMP: POLYETHER POLYOL CAS NO. CONFIDENTIAL PERCENTAGE BY WT.: FROM 90 TO 100 PERCENT

EXPOSURE GUIDELINES

OSHA: TWA- N/E STEL- N/E CARCINOGEN: N/E
ACGIH: TWA- N/E STEL- N/E
OTHER: TWA- N/E STEL- N/E

(s) – Skin exposure (p)- Proposed limit (c)- Ceiling exposure (1)- Recommended exposure limit
(u)- Supplier recommended exposure limit (N/E)- None established

SECTION 3- HAZARDS IDENTIFICATION

Principal Hazards **CAUTION: MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.**

See Section 11 for complete health hazard information.

SECTION 4- FIRST AID MEASURES

Oral: DO NOT INDUCE VOMITING. If conscious give 2 glasses of water. Get immediate medical attention.
Eyes: Flush immediately with water for at least 15 minutes. Get immediate medical attention.
Skin: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation: Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or if toxic symptoms are observed, get medical attention.
Additional Information: Note to physician: Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES

Flash Point: > 100 Deg. C, 212 Deg. F PMCC (Minimum)
Extinguishing Media: CO2, dry chemical, foam, water spray, water fog.
Firefighting Procedures: Recommend wearing self-contained breathing apparatus. Water may be ineffective fighting fires.
Unusual Fire & Explosion Hazards: Toxic fumes, gases or vapors may evolve on burning.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Spill Procedures: Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.



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SECTION 7- HANDLING AND STORAGE

Maximum Pumping Temperature:	Not determined.
Maximum Handling Temperature:	Not determined.
Handling Procedures:	Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.
Maximum Storage Temperature:	Not determined.
Storage Procedures:	No special storage precautions required.
Loading Temperature:	Not determined.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Procedures:	Use local exhaust ventilation to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.
Gloves Procedures:	Use nitrile or neoprene gloves.
Eye Protection:	Chemical goggles or faceshield.
Respiratory Protection:	Use NIOSH/MSHA approved full face respirator with a combination organic vapor and dust/mist cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Clothing Recommendation:	Long sleeve shirt is recommended.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:	> 100 Deg. C, 212 Deg. F PMCC (Minimum)
Upper Flammable Limit:	Not determined.
Lower Flammable Limit:	Not determined.
Autoignition Point:	Not determined.
Explosion Data:	Material does not have explosive properties.
Vapor Pressure:	Not determined.
pH:	Not determined.
Specific Gravity:	1.13 (15.6 Deg. C).
Water Solubility:	Soluble.
Percent Volatile:	Unknown.
Percent VOC:	Not determined.
Vapor Density:	Not determined.
Evaporation Rate:	Not determined.
Odor:	Odorless.
Appearance:	Clear to hazy liquid.
Viscosity:	Unknown.
Odor Threshold:	Unknown.
Boiling Point:	Not determined.
Pour Point Temperature:	Not determined.
Freezing Point:	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

SECTION 10- STABILITY AND REACTIVITY

Stability:	Material is normally stable at moderately elevated temperatures and pressures.
Decomposition Temperature:	Not determined.
Incompatibility:	None known, avoid contact with reactive chemicals.
Polymerization:	Will not occur.
Thermal Decomposition:	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11- TOXICOLOGICAL INFORMATION

-ACUTE EXPOSURE-

Oral Toxicity:	The LD50 in rats is > 5000 mg/Kg. Based on data from similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
Eye Irritation:	Weak to moderate eye irritant. Does not meet Canadian D2B or EU R36 criteria. Based on data from similar materials.
Skin Irritation:	May cause skin irritation. Based on data from similar materials.
Dermal Toxicity:	The LD50 in rabbits is > 2000 mg/Kg. Based on other data or data on similar materials.
Inhalation Toxicity:	No data available to indicate product or components may be a toxic inhalation hazard.
Respiratory Irritation:	May cause nose, throat and lung irritation. Based on data from similar materials.

Dermal Sensitization:
Inhalation Sensitization:
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No data available to indicate product or components may be a skin sensitizer.
No data available to indicate product or components may be respiratory sensitizers.



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-CHRONIC EXPOSURE-

Chronic Toxicity: No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity: No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity: No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity: No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-ADDITIONAL INFORMATION-

Other: No other health hazards known.
Exposure Limits: See Hazardous Ingredients Section for any applicable exposure limits for components.

SECTION 12- ECOLOGICAL INFORMATION

-ENVIROMENTAL TOXICITY-

Freshwater Fish Toxicity: Not determined.
Freshwater Invertebrates Toxicity: Not determined.
Algal Inhibition: Not determined.
Saltwater Fish Toxicity: Not determined.
Saltwater Invertebrates Toxicity: Not determined.
Bacteria Toxicity: Not determined.
Miscellaneous Toxicity: Not determined.

-ENVIROMENTAL FATE-

Biodegradation: Adequate data is not available to estimate the biodegradation potential of this materials.
Bioaccumulation: There is no data available to evaluate this material for bioconcentration.
Soil Mobility: Not determined.

SECTION 13- DISPOSAL CONSIDERATION

Waste Disposal: This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

SECTION 14- TRANSPORT INFORMATION

ICAO/IATA: Not regulated.
IMDG (Ambient): Not regulated.
IMDG (Elevated): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED
IMDG EMS: Not applicable.
IMDG MFAG: Not applicable.
IMO Marine Bulk: DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED
USCG Compatibility: Not determined.
U.S. DOT Bulk (Ambient): Not regulated.
U.S. DOT Bulk (Elevated): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED
U.S. DOT Non-Bulk: Not regulated.
DOT NAERG: Not applicable.
TDG Bulk (Ambient): Not regulated.
TDG Bulk (Elevated): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED
TDG Non-Bulk: Not regulated.
Mexico: Not regulated.
ADR/RID (Ambient): Not regulated.
ADR/RID (Elevated): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED
ADR/RID Hazard ID No.: Not applicable.
ADG (Ambient): Not regulated.
ADG (Elevated): DO NOT TRANSPORT-ADDITIONAL INFORMATION REQUIRED



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SECTION 15- REGULATORY INFORMATION

U.S. TSCA Inventory:	All components of this material are on the US TSCA Inventory.
Other TSCA Reg.:	None known.
SARA Ext.Haz.Subst.:	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
SARA Section 313:	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.
TDG Regulated Limit:	None known.
CERCLA Hazardous Substance:	None known.
Cal. Prop. 65:	This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, Lubrizol does not routinely analyze its products for impurities which may be such chemicals.
U.S. Fuel Registration:	Not applicable.
U.S. Dept of Agriculture:	This product has not been filed with the USDA to support H2 approvals.
NSF Nonfood Compounds Reg.:	This product has not been filed with the NSF to support H1 or H2 approvals.
U.S. Tariff Heading Number:	3811.29.00.00
Schedule B Number:	3811.29.0000
FDA Approval:	Not applicable.
EEC EINECS:	All components are in compliance with the EC Seventh Amendment Directive 92/32/EEC.
Finnish Registration Number:	Not Registered.
Sweden Registration Number:	Not Registered.
Norway Registration Number:	Not Registered.
Danish Registration Number:	Not Registered.
Switzerland Bag T Reg.Number:	Not Registered.
Japan METI:	All components are in compliance with the Chemical Substances Control Law of Japan.
Australia:	All components are in compliance with chemical notification requirement in Australia.
Canada:	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
Switzerland:	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Korea:	All components are in compliance in Korea.
Korean Registration Number:	Not Registered.
Philippines:	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
China:	All components of this product are listed on the Inventory of Existing Chemical Substances in China.
China Registration Number:	Not Registered.
New Zealand Reg. Number:	Not Registered.
Malta Registration Number:	Not Registered.
Ukraine Registration Number:	Not Registered.

SECTION 16- OTHER INFORMATION

US NFPA Codes:	Health- 1	Fire- 1	Reactivity- 0	Special- N/E
HMIS Codes:	Health- 1	Fire- 1	Reactivity- 0	
Precautionary Labels:	CAUTION:	MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION MAY CAUSE RESPIRATORY TRACT IRRITATION.		
Revision Indicators:	Section: 11	DERMAL TOXICITY	Changed: 06 January 2003	
	Section: 11	EYE IRRITATION	Changed: 06 January 2003	
	Section: 11	ORAL TOXICITY	Changed: 06 January 2003	
	Section: 11	SKIN IRRITATION	Changed: 06 January 2003	

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