

I Product: MANUGEL 85		
Description: CLEAR, LIGHT BLUE LIQUID GEL WITH SLIGHT ALCOHOL ODOR		
Composition	Manufacturer	Emergency Telephone No.
Ethyl Alcohol 82% (v/v) Moisturizers Color and Perfume Thickeners	Laboratories Anios Pave du Moulin 59260 Lille-Hellemmes France	Alcavis HDC, LLC 8322 Helgerman Court Gaithersburg, MD 20877 USA Phone: 301-330-7597 Fax: 301-330-6432
II Composition		
Hazardous Components Ethyl Alcohol 82% (v/v) F, R11 CAS n.64-17-5		
III Hazards Identification		IX Physical Data
Irritant for the eyes: Contact with eyes may cause erythema and watering. Easily Flammable		Appearance at 68° F (20° C) Color: Clear Odor: Typical alcohol
IV First Aid Measures		pH 8 ± 0.5 at 68° F (20° C)
Eye contact: Immediately flush the eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.		Specific gravity 0.884 ± 0.007 g/cm ³
Ingestion: Rinse the mouth with water. Drink large quantities of milk. Consult a doctor in case of persistent irritation.		Viscosity approx. 950 mP/s
V Fire Fighting Measures		Flash point approx. 70° F (21° C)
This product is flammable Flash Point: 70° F (21° C) Method: PMCC		Flammability YES
Flammability Classification: NFPA 30 Class 1B Flammable Liquid		X Stability and Reactivity
Extinguishing Media: The alcohol induced fires should be preferably fought with "Alcohol" foams, dry chemical or carbon dioxide. Water may be used for small fires or to cool down the objects exposed to the fire.		Stability: Stable in normal conditions of use and storage.
Fire Fighting Procedures: Standard procedures for fires of chemical origin. Use respiratory protection apparatus.		Conditions to avoid: Keep away from flames and fire.
VI Measures in case of spills or accidental dispersion		Incompatible materials: Organic and inorganic strong oxidizers. Acids and alkalis. Nitric acid and silver nitrate.
Collect the spills with an absorbent agent for disposal. Smaller spills may be flushed with large amounts of water.		XI Toxicological Information
VII Handling and Storage		Eye contact: It may cause eye irritation characterized by conjunctive by redness and watering.
Handling: Do not swallow, for external use only. Avoid contact with the eyes. Firmly close bottle after use. Storage: Avoid overheating. Store at room temperature between 40° F(5° C) and 95° F (35° C).		Ingestion: It may cause nausea and vomiting.
VIII Individual Protection/Exposure Controls		XII Ecological Information
Observe general safety procedures when using a chemical agent. No particular personal protection is required.		Prepared with substances easily biodegradable.
OSHA PEL = 400 ppm ACGIH TLV = 400 ppm ACGIH STEL = 500 ppm		XIII Disposal Considerations
XVI Other Information		The product may be flushed using ample amounts of water, if in accordance with local, state and federal regulations.
The information provided herein good faith is believed to be correct as of the date thereof. However, the Manufacturer and the Distributor do not make representation as to the comprehensiveness or to the accuracy of specific properties. The individuals using the product and receiving this information are expected to use their best judgment in determining risks and precautions connected to the use of this product.		XIV Transport Information
This information is intended to provide a general notice as use, safety and storage of this product. It is not applicable to unusual or non-standard use of the product or for uses different from which this product has been conceived.		Ground: (For 1 liter sizes and smaller): Consumer Commodity, ORM-D or (For larger than 1 liter): Ethyl Alcohol , Class 3, Flammable Liquid, UN 1993, PG II, Limited Quantity
RATINGS HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0		SEA - IMDG: (For 1 liter sizes and smaller): Ethyl Alcohol , Class 3, Flammable Liquid, UN 1993, PG II, Limited Quantity or (For larger than 1 liter): Ethyl Alcohol , Class 3, Flammable Liquid, UN 1993, PG II, IMDG Code 3345.
		AIR - IATA: (For less than 1 liter sizes): Consumer Commodity, Flammable Liquid, UN 1993, PG II.
		XV Regulatory Information
		MSDS: Directive 91/ISS/CEE modified by Dir. 93/112/CEE: Dangerous substance or preparation.