

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



IDENTITY Hydromer Antifog Coating 680G	Product Code: 2IKS25
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Section I

Manufacturer's Name Hydromer, Inc.	Emergency Telephone Number DAY OR NIGHT (CHEMTREC) (800)-424-9300
Address (Number, Street, City, State, and ZIP Code) 35 Industrial Parkway	For International Shipments call collect (703)-527-3887
Branchburg, NJ 08876	Telephone Number for Information (908) 526-2828
*This material has been classified as an EPCRA 313 Chemical and is subject to Section 313 reporting requirements	Date Prepared 9/13/2006

Section II - Ingredients/Identity Information

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommendec	% (optional)
*N- Methyl Pyrrolidone CAS #: 87-2-50-4		160 ppm		
*Butyl Cellosolve CAS# 111-76-2		25 ppm		
Isopropyl Alcohol CAS # 67-63-0		100 ppm		
Water CAS # 7732-18-5		NA		

Transport Information: This product is non-hazardous during transportation in the original container.

Health	1
Flammability	1
Reactivity	0
PPE	G

Section III - Physical/Chemical Characteristics

Boiling Point (water)	100° C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg) (water)	17	pH	9.5
Vapor Density (AIR = 1) (water)	0.6	Evaporation rate (Butyl Acetate = 1)	unknown

Solubility in Water

Soluble

Appearance and Odo

Opaque white to opaque yellow color with slight odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) TCC	> 61° C (> 141° F)	Flammable Limits NA	LEL NA	UEL NA
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Extinguishing Media

Use dry chemical, foam or CO2 or Water.

Special Firefighting Procedure:

none

Unusual Fire and Explosion Hazard:

None

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Strong acids, oxidizing materials.

Hazardous Decomposition or Byproducts

None

Hazardous Polymerizator	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards (Acute and Chronic)

May cause severe irritation and possible damage of eyes, skin, and respiratory tract.

This product contains N-Methyl Pyrrolidone, a chemical known to the State of California to cause reproductive toxicity

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NA	NA	NA	NA

Signs and Symptoms of Exposure

Irritation as noted above.

Medical Conditions

General Aggravated by Exposure

None currently known

Emergency and First Aid Procedure

If swallowed, induce vomiting. If contacted, wash with water.

If inhaled move to fresh air, give artificial respiration. Seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flush spill with copious amounts of water.

Waste Disposal Method

Dispose in accordance with federal, state, and local regulations.

Precautions to be Taken in Handling and Storage

Store in a well ventilated area below 25° C

Do not store in direct sunlight

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Self-contained breathing apparatus, in high vapor concentrations.

Ventilator	Local Exhaust	Special
	Mechanical (General)	Other
	Use to keep below vapor limits	
	X	

Protective Gloves **Wear protective gloves.**

Other Protective Clothing or Equipment

Eye bath, safety shower and protective clothing.

Wear safety glasses.

Note: Hydromer believes that the information contained in this material safety data sheet is accurate as of the date first mentioned in such data sheet.

NO FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR LIMITED,

IS MADE CONCERNING THE INFORMATION REQUIRED