

# 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



<b>IDENTITY</b> Hydromer Antifog Solution SG 61 A	<b>Product Code: 2IKS24</b>
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## Section I

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

## Section II - Ingredients/Identity Information

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
*Cyclohexane CAS#110-82-7	300 ppm	300 ppm		
Diacetone Alcohol CAS# 123-42-2	50 ppm	50 ppm		

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

This Product is a class III composition of resins and organic solvents with a flashpoint of 38.3° C

Health	1
Flammability	2
Reactivity	0
PPE	E

## Section III - Physical/Chemical Characteristics

Boiling Point	139-172 C	Specific Gravity (H2O = 1)	0.92 - 0.94
Vapor Pressure (mm Hg)	unknown	Melting Point	unknown
Vapor Density (AIR = 1)	unknown	Evaporation rate (Butyl Acetate = 1)	unknown
Solubility in Water	None		
Appearance and Odor	Yellow, viscous liquid.		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) TCC	101 F (38.3° C)	Flammable Limits	LEL NA	UEL NA
Extinguishing Media	Dry Chemical; Foam; CO2. Water may be ineffective.			
Special Firefighting Procedures	Full emergency equipment with self-contained breathing apparatus and full protective			
Unusual Fire and Explosion Hazards	Clothing should be worn. Fight as flammable liquid fire. Use water to keep containers cool. Keep away from heat, sparks and open flame.			

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	Heat flames and strong oxidizing agents.
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Stable	X
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Incompatibility (Materials to Avoid)

**Strong oxidizing agents.**

Hazardous Decomposition or Byproducts

**By heat and fire: CO, CO2 and oxides of Nitrogen.**

Hazardous Polymerization	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)

**Vapors or mist may cause irritation, vomiting, dizziness, headache, nausea, fatigue, irritation of respiratory system, GI irritation, CNS depression. May be accompanied**

**by coughing, choking or labored breathing. May cause skin and eye discomfort by defatting**

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

Signs and Symptoms of Exposure

**Skin contact may cause local redness. Eye contact may cause redness or swelling of conjunctiva.**

**Swallowing or inhalation may cause headache, vomiting, diarrhea, dizziness, drowsiness, na**

Medical Conditions

**Skin or eye disorders and respiratory system disease.**

Emergency and First Aid Procedure

**Remove patient to fresh air. Administer oxygen or artificial respiration. Obtain medical attention. EYES: Flush with water for 15 minutes. Obtain medical attention. SKIN: Wash with soap and water.**

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

**Evacuate personnel. Remove all ignition sources and ventilate. Notify appropriate authorities if necessary. Wear personal protective equipment. Dike or impound spill.**

**Collect large spills for disposal. Extinguish any ignition source until area is safe.**

Waste Disposal Method

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

Precautions to be Taken in Handling and Storage

**Store at moderate temperatures, in tight containers.**

**Keep away from heat, flame and sparks.**

Other Precautions

**Vapors may be ignited by static sparks. Use proper bonding and grounding during liquid transfer as described in National Fire Protection Association document NFPA 77.**

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

**Self-contained breathing apparatus in high vapor concentrations.**

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
	X	

Protective Gloves

**Wear Neoprene gloves.**

Other Protective Clothing or Equipment

**Eye bath, safety shower and protective clothing.**

Work/Hygenic Practices

**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**

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