

# EUROPEAN MATERIAL SAFETY DATA SHEET:

<b>Hydromer Inc.</b>	35 Industrial Parkway, Branchburg, NJ 08876 USA
Emergency Telephone	(800) 424-9300 United States / Outside US call (703) 527-3887
Technical Information	(908) 526-2828 Facsimile (908) 526-3633
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## SECTION 1 PRODUCT IDENTIFICATION

Product Name: Hydromer Anti-Fog Coating Solution #2266-188  
Chemical Name: **Mixture**  
Synonyms: **N/A**  
Chemical Family: Polyurethane / PVP Copolymer

## SECTION 2 COMPOSITION AND INGREDIENTS

INGREDIENT	CAS #	EINECS #
Diacetone Alcohol	123-42-2	204-626-7
Polyvinyl pyrrolidone	9003-39-8	201-800-4
Diocetyl sodium sulfosuccinate	577-11-7	209-406-4
Dimethylol propionic acid	4767-03-7	N.A.
Acrylic Polymer	NA (Polymer)	NA (Polymer)
Polyurethane	NA (Polymer)	NA (Polymer)

## SECTION 3 IDENTIFICATION OF POTENTIAL HAZARDS

General: Combustible causes irritation, harmful if swallowed or inhaled. Keep away from heat, sparks, and flame.  
Skin Contact: Avoid contact with skin  
Eye Contact: Avoid contact with eyes  
Inhalation: Avoid breathing vapor

## SECTION 4 FIRST AID MEASURES

Ingestion – call a physician immediately if swallowed, if conscious, give large amounts of water and induce vomiting.

Inhalation – if inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin contact – in case of contact flush skin with water

Eye contact – in case of eye contact, immediately flush with plenty of water for at least 15 minutes.

## **SECTION 5 FIRE FIGHTING MEASURES**

Fire extinguishing media, use water spray, foam, dry chemical, or carbon dioxide. Firefighters should wear self contained breathing apparatus. No unusual fire and explosion hazards are known for this product.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Wear self contained breathing apparatus and full protective clothing. Ventilate area and use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Dispose of with accordance to all applicable environmental regulations.

## **SECTION 7 HANDLING AND STORAGE**

Store in a dry, well-ventilated, flammable liquid and explosion proof storage area or cabinet.

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Use protective equipment (gloves, safety glasses, respirator, and clothing) when handling.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	NA
Boiling Point:	NA
Specific gravity:	0.964 g/ml @ 25° C
Flash Point {Closed Cup}:	66 ° F {18.9 ° C}
Auto ignition Temp:	Unknown
Flammable limits:	Unknown
Appearance and Odor:	Viscous Liquid
Solubility in Water:	partly miscible
Other Solvents:	N/A

## **SECTION 10 STABILITY AND REACTIVITY**

Indefinitely stable when stored in a cool, dark, dry environment. Not known to undergo hazardous polymerization or rapid and energetic reactions.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

Oral Toxicity:	NA
Skin Irritation:	<i>May cause irritation</i>
Mucous Membrane:	<i>May cause irritation</i>
Mutagenicity:	N/A
Sensitization:	N/A
Photo irritation:	N/A

## **SECTION 12 ECOLOGICAL INFORMATION**

Fish Toxicity: Not available

**SECTION 13                    DISPOSAL**

Dispose of in accordance with all government requirements and prudent regard for minimizing environmental impact.

**SECTION 14                    TRANSPORT**

Proper shipping name: Diacetone Alcohol, Hazard class: flammable liquid class III, UN/NA: UN1148,  
Labels: flammable liquid, Regulatory references 49CFR 172.101; 173.119, Packing group III.

**SECTION 15                    REGULATORY INFORMATION**

Not available

**SECTION 16                    OTHER INFORMATION**

Origin (source):	<i>Hydromer Inc.</i>
Origin (Country):	<i>USA</i>
Tariff Number:	
Shelf Life:	<i>1 Year</i>
Use Area:	Anti-fog coating
Use Level:	100%

**NOTE:**

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

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