

EUROPEAN MATERIAL SAFETY DATA SHEET:

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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

<u>INGREDIENT</u>	<u>CAS #</u>	<u>EINECS #</u>
Diacetone Alcohol	123-42-2	204-626-7
Polyvinyl pyrrolidone	9003-39-8	201-800-4
Dioctyl 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}:	131 ° F {55 ° 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
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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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