

Safety Data Sheet

Umaco Hydro-Pel

Section 1 - Chemical Product and Company Information

Product Name: Umaco Hydro-Pel

Revision Date: July 31, 2022

Version 1.0

Manufactured by: Umaco, Inc, 60 Rear Newhall Street, Lowell, MA 01852

Emergency Phone: 800-424-9300 (Chemtrec)

Information Phone: 978-453-8881

Fax: 978-453-2416

Section 2 - Hazards Identification

GHS Ratings:

Reproductive toxin 1 Known or presumed to cause effects on human reproduction or on development

GHS Hazards

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P281 Use personal protective equipment as required
P308+P313 IF exposed or concerned: Get medical advice/attention
P405 Store locked up
P501 Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition/Information on Ingredients

| Chemical Name | CAS number | Weight Concentration % |
|----------------|------------|------------------------|
| Water softened | 7732-18-5 | 70.00% - 80.00% |

| | | |
|----------------------|-----------|-----------------|
| | Inert | 20.00% - 30.00% |
| 1-PROPOXY-2-PROPANOL | 1569-01-3 | 1.00% - 5.00% |

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: > 100 C (>212 F)

LEL:

UEL:

Flammable Limits:

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes

except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-----------------------------------|---|--|-----------------------|
| Water softened 7732-18-5 | No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. | No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. | Not Established |
| Inert | Not Established | Not Established | Not Established |
| 1-PROPOXY-2-PROPANOL 1569-01-3 | Not Established | Not Established | Not Established |

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

| | |
|---|---|
| <p>Appearance: Liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: 0.6</p> <p>Specific Density: 1.01</p> <p>Freezing point: 0°C</p> <p>Boiling Point: 100°C</p> <p>Evaporation rate: Not Determined</p> <p>Explosive Limits: Not Determined</p> <p>Decomposition temperature: Not Determined</p> <p>Grams VOC less water: 75.91</p> | <p>Odor: Low Odor</p> <p>Odor threshold: Not Determined</p> <p>pH: Not Determined</p> <p>Melting point: Not Determined</p> <p>Solubility: Not Determined</p> <p>Flash point: >212°F or >100°C</p> <p>Flammability: Not Applicable</p> <p>Partition coefficient (n- octanol/water): Not Determined</p> <p>Viscosity: Not Determined</p> |
|---|---|

Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities/Conditions to avoid: Elevated temperatures. Contact with oxidizing agent/oxidizers.

Hazardous Decomposition: Can produce Carbon Monoxide and/or Carbon Dioxide.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

1569-01-3 1-PROPOXY-2-PROPANOL
Oral LD50: 3 g/kg (Rat) Dermal LD50: 4 g/kg (Rabbit)

Primary routes of entry: Inhalation, Skin contact.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
| None | | | No Data Available |

Section 12 - Ecological Information

Component Ecotoxicity

| | |
|----------------------|--|
| Water softened | Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. |
| 1-PROPOXY-2-PROPANOL | Acute toxicity to fish Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). LC50, Oncorhynchus mykiss (rainbow trout), static test, 96 Hour, > 100 mg/l, OECD Test Guideline 203 or Equivalent Acute toxicity to aquatic invertebrates LC50, Daphnia magna (Water flea), static test, 48 Hour, > 100 mg/l, OECD Test Guideline 202 or Equivalent Acute toxicity to algae/aquatic plants ErC50, Pseudokirchneriella subcapitata (green algae), static test, 96 Hour, Biomass, 1,466 mg/l, OECD Test Guideline 201 or Equivalent Toxicity to bacteria EC50, Bacteria, static test, 16 Hour, 3,800 mg/l |

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) their fire point according to ISO 2592:1973 is greater than 100°C

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| DOT | Water Based Paint | Unregulated | | Non Hazardous |
| IATA | Water Based Paint | Unregulated | | Non Hazardous |
| ADR/RID | Water Based Paint | Unregulated | | Non Hazardous |
| IMDG | Water Based Paint | Unregulated | | Non Hazardous |

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

R2K List

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

| | |
|------------------------|--------------------------------|
| HEALTH | <input type="text" value="0"/> |
| FLAMMABILITY | <input type="text" value="0"/> |
| PHYSICAL HAZARD | <input type="text" value="0"/> |
| PERSONAL PROTECTION | <input type="text" value=""/> |

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

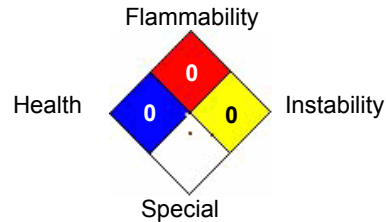
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



The material contained in this Safety Data Sheet is based on information supplied to Umaco, Inc. by the raw material suppliers of the individual components of this product. Umaco, Inc. believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 7/31/2022