

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Outhouse Antifreeze Extreme

Description: Brine Liquid

Product Code: NTN OHAHD

Suggested Use: Antifreeze in portable outhouses

Restrictions on Use:

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan , UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00

Fax: 801-280-0307

Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Skin irritant 2
Skin irritant 2A

GHS Label Elements

Pictogram:



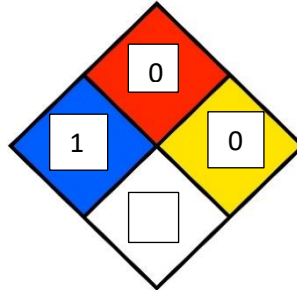
Signal Word: Warning

Hazard Statements: H315 – Causes skin irritation
H319 – Causes serious eye irritation.

Precautionary Statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P306 + P360: IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

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HMIS Classification:

NFPA Rating:

Health	1
Fire	0
Reactivity	0
Personal Protection	C

Potential Health Effects:

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Concentration</u>
Magnesium Chloride	7791-18-6	30%

Synonyms:

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4. FIRST AID MEASURES

- If Inhaled: If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced
- Skin Contact: Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
- Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
- If Ingested: Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician.

5. FIREFIGHTING MEASURES

- Extinguishing Media: Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide
- Hazardous Combustion Products: Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.
- Special Protective Equipment for Firefighters: In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.
- Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.
- Containment and Clean Up: Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- Safe Handling: Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.
- Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Magnesium Chloride	7791-18-6	10 mg/m ³	ACGIH

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General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Light Orange
Odor:	No Odor
Odor Threshold:	N/A
pH:	5
Melting/Freezing Point:	-13° F
Boiling Point:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	1.3

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Density:	10.8 lbs per gal
Solubility in Water:	Soluble
Partition Coefficient:	N/A
Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity @ 40°C:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Conditions and Materials to Avoid: Oxidizers, acid, strong bases

Hazardous Decomposition Products: Hydrogen chloride gas, chlorine, magnesium oxide

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Not determined

Component	CAS Number	Test	Toxicity
Magnesium Chloride	7791-18-6	Oral Rat	8100 mg/kg

Potential Health Effects

Inhalation: Respiratory irritation

Skin: Skin irritation

Eyes: Eye irritation

Ingestion: Irritation of GI tract

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Signs and Symptoms of Exposure:

Chronic Effects of Long Term Exposure: None known
Carcinogenicity: no

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
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Ecological Effects Readily degraded in the environment

Persistence and Degradability: N/A

Bioaccumulation Potential: N/A

Mobility in Soil: Yes

Other Adverse Effects: none

13. DISPOSAL CONSIDERATIONS

Disposal: Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.

Contaminated Packaging: Dispose of as unused product.

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14. TRANSPORT INFORMATION

Not regulated by DOT

DOT Information

Proper Shipping Name:

UN Number:

Hazard Class:

Packing Group:

Reportable Quantity (RQ):

Marine Pollutant:

Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: None

SARA 311/312 Hazards: Chronic health effects

SARA 313 Components: None

TSCA Inventory: Yes

European Union

EC Inventory: No

State Regulations

Utah Clean Air: no

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16. OTHER INFORMATION

SDS Version: 1.0

Revision Date: 12/29/21

Supercedes:

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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Validated on:

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