



STAND-UP™

Safety Data Sheet

www.rhomar.com

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Revision: 1

SECTION 1: IDENTIFICATION

Product Identifier

Product Name	Product Form	Product Code
STAND-UP™	Liquid	RH-125

Relevant identified uses of the substance or mixture:

De-icing

Details of the supplier of the safety data sheet

Rhomar Industries, Inc.
2107 E. Rockhurst St.
Springfield, MO 65802 USA
T 417-866-5592; F 417-866-5593
solutions@rhomar.com

Emergency telephone number

1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Not hazardous

Hazard Statements:

Not Hazardous

Precautionary Statements

Storage:

Store in a cool, dry, well-ventilated area away from incompatible materials.

Disposal:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS #	Weight %
Proprietary Binder	Proprietary	8-12%
Magnesium Chloride	7791-18-6	26-29%
Corrosion Inhibitor	Proprietary	0-1%

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Eye Contact: Flush victim's eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation occurs and persist.

Ingestion: Do not induce vomiting. Rinse mouth with water and give one glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if symptoms develop.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before use.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause slight eye and skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Immediate medical attention is not required.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Thermal decomposition may yield oxides of carbon and other harmful or irritating chemicals.

Protective Equipment and Precautions for Firefighters

Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling.

Methods and Material for Containment and Cleaning Up

Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Flush spill area with water. Report releases as required by local, state, and federal authorities.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Avoid contact with the eyes, skin, and clothing. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Store in cool, dry, well-ventilated area away from incompatible materials. Product may be corrosive to some metals.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	Guidelines
Proprietary Binding Agent	None Established
Magnesium Chloride	None Established
Corrosion Inhibitor	None Established

Appropriate Engineering Controls

Engineering Controls: Use with adequate general ventilation to minimize exposures.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Safety glasses recommended.

Skin and Body Protection: Wear impervious gloves such as rubber or neoprene if needed to avoid prolonged skin contact.

Respiratory Protection: In operations where exposure levels are excessive, a NIOSH approved respirator with dust/mist cartridges or supplies air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Other: Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Color	Clear to Amber		
pH	6.5 - 7.5	Freezing Point	-28°F
Boiling Point/Boiling Range	212°F	Flash Point	Not determined
Evaporation Rate	Not determined	Flammability (Solid, Gas)	Not applicable
Upper Flammable Limits	Not determined	Lower Flammable Limits	Not determined
Vapor Pressure	Not determined	Vapor Density	Not determined
Relative Density	1.25-1.32	Water Solubility	Soluble
VOC Content	Not determined	Autoignition Temperature	Not determined
Decomposition Temperature	Not determined	Octanol/Water Coefficient	Not determined
Solubility	Complete	Viscosity	<300 cP @ 20°C
Odor Threshold	Not established	Odor	Little odor

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not normally reactive.

Chemical Stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

None known.

Incompatible Materials

Strong oxidizing agents, concentrated acids, and some metals.

Hazardous Decomposition Products

When heated to decomposition emits oxides of carbon and other harmful or irritation chemicals.

SECTION 11: TOXICOLOGICAL INFORMATION
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Health Hazards:

Inhalation: Inhalation of mists may cause slight irritation of the nose, throat, and upper respiratory tract.

Eye Contact: May cause mild to moderate irritation with pain and tearing.

Skin Contact: May cause slight irritation on prolonged or repeated contact.

Ingestion: Ingestion may cause slight irritation with nausea, vomiting, and diarrhea.

Sensitization: This material is not known to cause sensitization.

Chronic: None known.

Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Germ Cell Mutagenicity: None currently known.

Reproductive Toxicity: None currently known.

Numerical Measures of Toxicity: No toxicity data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and Degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name: Not regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

SECTION 15: REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA Hazard Category (311/312): Not Hazardous.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None.

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CANADA:

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

Canadian CEPA: All the components of this product are listed on the Canadian DSL.

Canadian WHMIS Classification: Not classified as dangerous.

SECTION 16: OTHER INFORMATION

NFPA Ratings:

Health: 0

Flammability: 0

Instability: 0

HMIS Ratings:

Health: 1

Flammability: 0

Physical Hazard: 0

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Indication of changes: Revision-1
Date Sheet Prepared: 5/15/2014

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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