

Safety Data Sheet

Trade Name: Robust

Dated: 9/6/2013

Section 1 Product and Manufacturer Information

Name: Robust

Manufacturer: Rosens's Inc; P.O. Box 933, Fairmont, MN 56031. Phone: 800-792-2000

For Transportation Emergencies call Chemtrec at 800-424-9300

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

Section 2 Health Hazard Identification

Physical State: Liquid

Color: Amber

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200), this MSDS contains valuable information critical to safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

Emergency Overview: **Not expected to produce significant adverse health effects when the recommended instructions for use are followed.**

See toxicological information (Section 11)

General Information: Read the entire MSDS for a more thorough evaluation of the hazards.

Section 3 Composition / Information on Ingredients

Name
Robust

Derivatives
Manganese Sulfate and Zinc Sulfate

Section 4 First Aid Measures

Eye Contact: Check for and Remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin Contact: In case of contact, wash contaminated area thoroughly with soap and water. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Give 2-4 glasses of water and induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Note to physician: No specific treatment. Treat symptomatically. Call poison control center immediately if large quantities have been ingested.

Section 5 Fire Fighting Measures

Flash point: Non-flammable

Hazardous thermal

decomposition products: NA

Extinguishing media

Suitable: NA

Not suitable: NA

Special exposure hazards: NA

Special protective

equipment for fire-fighters: NA

Section 6 Accidental Release Measures

Personal precautions:

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from handling product. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions and methods for cleaning up:

Move containers from spill area. This product is organic and will not create an issue if spilled and can simply be diluted with large amounts of water. This product will not hurt soil and will not hurt or damage water quality if allowed to drain into sewage.

Section 7 Handling and Storage

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid contact with metal surfaces for prolonged periods of time. Wash equipment thoroughly after contact.

Storage: Store in accordance with local regulations. Store in original container away from incompatible materials (see Section 10) and food and drink. Product will freeze if stored below 32° F. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children!

Section 8 Exposure Controls / Personal Protection

Recommended monitoring

procedures: NA

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection

Respiratory: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses are recommended.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure

controls: NA

Section 9 Physical and Chemical Properties

Appearance: Liquid.

Odor: Sweet odor.

pH: 3.5

Freezing Point: 32°F.

Boiling Point: Unknown

Solubility in Water: Complete.

Density: Not available.

Flash Point: Not available.

Flammable Limits: Not available.

Auto-ignition Temperature: Not available

Vapor Pressure: Not available.

Specific Gravity: 1.1356

Density: Not available.

Vapor Density: Not available.

Section 10 Stability and Reactivity

Chemical stability: The product is stable. Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid: Product will freeze if stored below 32° F. Avoid contact with metal surfaces for long periods of time.

Hazardous decomposition

products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

This material is not known to be a toxicity hazard to humans.

Section 12 Ecological Information

This material is not known to present an ecological hazard.

Section 13 Disposal Considerations

This product is not defined as a hazardous waste by the U.S.E.P.A. Dispose of this product as recommended by federal, state, and local regulations.

Section 14 Transport Information

This material is not regulated as a hazardous material by the U.S.D.O.T. Use normal transportation safety precautions.

Section 15 Regulatory Information

SARA Title III Hazard Class: Not regulated

CERCLA Reportable Quantity: Not regulated

TSCA: Not regulated

RCRA Hazardous Waste Classification: Not regulated

Clean Air Act: Not regulated

Section 16 Other Information

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. No warranty of merchantability, fitness for any particular purpose, or any other warranty, express or implied, is made concerning the information herein provided. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

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