

MATERIAL SAFETY DATA SHEET

Rosen's, Inc., P.O. Box 933, Fairmont, MN 56031

R-Way Crop Oil Concentrate

Updated: October 30, 2005
Supersedes: February 24, 2003

General Information

Names & Synonyms: Blend

Family: Paraffinic oil and emulsifier blend

Formula: Proprietary

Hazardous Classification: Not hazardous. Not regulated by D.O.T.

Motor Freight Class: 60

Item Number: 4610

UN/NA Number: N/A

Bill of Lading Description: Adhesives, Adjuvants, Spreaders or Stickers

Physical Data

pH (5% Solution): 3.4 - 5.4

Boiling Range: Wide Range

% Volatile by Volume: 83%

Specific Gravity: 0.88

Solubility in Water: Miscible

Evaporation Rate (Water = 1): Less than 1

Appearance & Odor: Clear, slightly yellow liquid with very little odor.

Hazardous Ingredients

Principal Hazardous Materials	Percent	Threshold Limit Value (Units)
Solvent refined paraffinic distillate	Less than 90%	5 MG/cubic meter

Health Hazard Data

ACGIH Threshold Limit Value: Not established for mixture

Carcinogen-NTP Program: NO

Carcinogen-IARC Program: NO

Primary Routes of Entry:

Can cause severe eye irritation upon direct contact. Prolonged skin contact may cause drying and irritation. Inhalation of high mist concentrations may cause irritation to nose and throat. Ingestion may be extremely irritating to mouth, throat and respiratory tract. Harmful if swallowed.

24 Hour Emergency Phone Number
CHEMTREC: (800)-424-9300

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Health Hazard Data Cont.

Emergency First Aid:

INHALATION - Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing has stopped, clear breathing pathway and administer mouth-to-mouth resuscitation. Get Medical Attention.

INGESTION - Call a physician or Poison Control Center. Never Give Anything By Mouth To An Unconscious Person..

EYE CONTACT - Flush with water for 15 minutes. Get medical attention.

SKIN CONTACT - Wash thoroughly with soap and water.

Sara Title III, Section 313

This product contains the following toxic chemicals subject to the reporting requirements of SARA Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40CFR372

CAS#	Chemical Name	Percent by Weight
NA	NA	NA

Fire & Explosion Hazard Data

Flash Point (TCC): Greater than 340° F

Flammability Limits: Not established

Extinguishing Media: Carbon dioxide, dry chemicals, chemical foam, or water fog. Water spray may be ineffective, but may be used to cool closed containers.

Special Fire Fighting Procedures: Wear proper protective equipment when fighting fires involving chemicals. Using water to fight fire may produce slippery surfaces and/or foamy conditions.

Unusual Fire and Explosion Hazards: None

Reactivity Data

Stability: Stable

Conditions to Avoid: Heat, spark and open flame

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products: Oxides of carbon from burning.

Environmental Protection

Spill Response: Ventilate the area. Dike and contain the spilled material. Floor will be extremely slippery. Collect liquid with an inert absorbent and transfer to a container for reuse or disposal. Flush area away with large quantities of water.

Waste Disposal Method: Follow federal, state and local regulations regarding health and pollution.

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Special Protection Information

Eye Protection - Chemical safety glasses

Skin Protection - Rubber gloves

Respiratory Protection - None required under normal use

Ventilation Recommended - General

Other Protection - As needed to prevent prolonged skin contact.

Special Precautions

Handling & Storage Precautions: CAUTION! EXTREME EYE IRRITANT! Avoid prolonged or repeated breathing of vapor or spray mists. Avoid contact with eyes, skin and clothing. Do not take internally. In case of eye contact, flush with large amounts of water and get medical attention. Always wear proper protective gear.

Other Precautions: Store at room temperature. Keep container tightly closed and upright when not in use. Follow good industrial practices with regard to housekeeping and personal hygiene. Keep out of reach of children.

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.