

Material Safety Data Sheet

Material Name: Roses

MSDSID: REX-015

*** Section 1 - Chemical Product and Company Identification ***

Synonyms: Rose Fragrance #21

Manufacturer Information

REXAIR LLC

50 W. Big Beaver Rd., Suite 350

Troy, MI 48084

Phone: (248) 643-7222

Emergency # 1 (800) 255 3924 CHEM-TEL, INC.

*** Section 2 - Composition / Information on Ingredients ***

CAS #	Substance	Percent
8042-47-5	White mineral oil	85-95

Preparation Related Regulatory Information

This preparation may be regulated, have exposure limits or other information identified as the following: Oil mist, mineral (8012-95-1).

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

*** Section 3 - Hazards Identification ***

Emergency Overview

Product is a pink liquid with a strong characteristic floral odor. Contact with this product may irritate eyes, skin, or respiratory system. Use methods suitable to fight surrounding fire. Firefighters should wear full protective clothing and self contained breathing apparatus.

Potential Health Effects: Eyes

This preparation may cause irritation to the eyes.

Potential Health Effects: Skin

This preparation may cause irritation to the skin.

Potential Health Effects: Ingestion

Preparation has relatively low toxicity unless aspiration occurs. Small amounts of this preparation, if aspirated into the lungs, may cause mild to severe pulmonary injury.

Potential Health Effects: Inhalation

Inhalation of preparation vapors may irritate the respiratory system. Aspiration of ingested preparation may cause mild to severe pulmonary injury.

HMIS Ratings: Health: 1 Fire: 2 Reactivity: 0 Pers. Prot.: A: Safety Glasses

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 4 - First Aid Measures ***

First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. Get medical attention if symptoms develop or persist.

First Aid: Skin

For skin contact, flush with large amounts of water. If irritation develops or persists, get medical attention.

First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

First Aid: Inhalation

Remove source of contamination or move affected person to fresh air. Get medical attention if symptoms develop or persist.

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*** Section 5 - Fire Fighting Measures ***

Flash Point: >60°C (>140°F)

Method Used: Not available

Upper Flammable Limit (UFL): Not available

Lower Flammable Limit (LFL): Not available

Auto Ignition: Not available

Flammability Classification: OSHA: Class IIIA combustible liquid

Rate of Burning: Not available

General Fire Hazards

This product is combustible at high temperatures.

Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Dry chemical, foam, carbon dioxide.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 2 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material. Dike the spilled material, where this is possible. Block any potential routes to water systems.

Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage system or open water courses.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid contact with skin and eyes. Avoid breathing vapors or mists of this product. Use this product with adequate ventilation. Wash thoroughly after handling. Keep container closed.

Storage Procedures

Keep container closed. Keep this product from heat, sparks, or open flame. All Rexair liquids are valid 6 years after the date of manufacturing.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information

Follow all applicable exposure limits. Keep formation of airborne mists to a minimum.

B: Component Exposure Limits

White mineral oil (8042-47-5)

ACGIH: 5 mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)

10 mg/m³ STEL (related to Oil mist, mineral)

OSHA: 5 mg/m³ TWA (related to Oil mist, mineral)

NIOSH: 5 mg/m³ TWA (related to Oil mist (mineral))

10 mg/m³ STEL (related to Oil mist (mineral))

Engineering Controls

Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

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PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible).

Personal Protective Equipment: Skin

Normal work clothing (long sleeved shirts and long pants) is recommended.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to prevent buildup of vapor/mist, use NIOSH/MSHA approved respiratory protection.

Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material.

*** Section 9 - Physical & Chemical Properties ***

Appearance: Pink liquid	Odor: Strong characteristic floral
Physical State: Liquid	pH: Not applicable
Vapor Pressure: estimated < 0.1 mm Hg @ 20°C	Vapor Density: (air =1) >1, estimated 7
Boiling Point: 103 to 172°C (barometric pressure = 765 mm Hg)	Melting Point: >-18°C (barometric pressure = 765 mm Hg)
Solubility (H2O): Insoluble	Specific Gravity: 0.819
Freezing Point: -18°C	Evaporation Rate: Not determined
Viscosity: 6.69 cSt @ 20°C	Bulk Density: 0.816 g/mL @ 20°C
Percent Volatile: estimated 94	Molecular Weight: Not determined

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable preparation.

Chemical Stability: Conditions to Avoid

Avoid contact with strong oxidizers.

Incompatibility

This preparation may react with strong oxidizing agents.

Hazardous Decomposition

Upon decomposition, this preparation will evolve carbon monoxide, carbon dioxide, and/or low molecular weight hydrocarbons.

Hazardous Polymerization

Will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

No information available for this preparation. No significant irritation would be expected from contact with this preparation under normal conditions of use. Small quantities of this preparation, if aspirated into the lungs, could cause mild to severe pulmonary injury.

B: Component Analysis - LD50/LC50

White mineral oil (8042-47-5)

Oral LD50 Rat: >5000 mg/kg

Carcinogenicity

A: General Product Information

No information available for this preparation.

B: Component Carcinogenicity

White mineral oil (8042-47-5)

IARC: Supplement 7 [1987], Monograph 33 [1984] (related to Mineral oils, highly-refined)
(Group 3 (not classifiable))

Epidemiology

No information available for this preparation.

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Neurotoxicity

No information available for this preparation.

Mutagenicity

No information available for this preparation.

Teratogenicity

No information available for this preparation.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

This preparation is not expected to be harmful to aquatic life.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

White mineral oil (8042-47-5)

Test & Species	Data	Conditions
96 Hr LC50 Lepomis macrochirus	>10000 mg/L	

Environmental Fate

No information available for this preparation.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations

Preparation is not covered by international regulations on the transport of dangerous goods.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List. All components listed in this product appear on the Canadian DSL/NDSL.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
White mineral oil (1related to Oil mist) (2related to Oil, mineral) (3related to Oil mist, mineral) (°related to Mineral Oil)	8042-47-5	Yes ¹	Yes ²	Yes ³	Yes ³	Yes [°]	Yes ³

Canadian WHMIS Information

A: General Product Information

No additional information available.

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B: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Substance	CAS #	Minimum Concentration
White mineral oil	8042-47-5	1 % (related to Oil, mineral)

Additional Regulatory Information

A: General Product Information

No additional information available.

B: Component Analysis - Inventory

Substance	CAS #	TSCA	CAN	EEC	ELINCS
White mineral oil	8042-47-5	Yes	DSL	EINECS	No

*** Section 16 - Other Information ***

MSDS History

Draft version 1.0000, 12/16/02

Draft version 2.0000, 10/6/05

Draft version 3.0000, 11/22/06

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; mg/Kg = milligrams per Kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; MSHA = Mine Safety and Health Administration; NA = Not Applicable or Not Available; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TDG = Transport Dangerous Goods; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System.

This is the end of MSDS # REX-015