

Monterey Horticultural Oil RTU

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday March 26 2012 / Rules and Regulations

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product name: Monterey Horticultural Oil RTU

USEPA Registration No.: 6218-78-54705

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.3 Details of the Supplier of the safety data sheet

Lawn and Garden Products, Inc.

PO Box 35000

Fresno, CA 93745-5000

559-499-2100

info@montereylawngarden.com

1.4 Emergency Telephone Number

CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of Substance or Mixture

Classification (GHS-US)

Not Classified

2.2 Label Elements

GHS-US Labeling

No labeling applicable

2.3 Other Hazards

No additional information available

2.4 Unknown Acute Toxicity

No Data Available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION
Refined Mineral Oil	CAS No. 64742-55-8	1.00	Not classified

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

First Aid Measures General	: Never Give anything by mouth to an unconscious person. If You feel unwell, seek medical advice (show the label where possible)
First Aid Measures after Inhalation	: Assure fresh air breathing. Allow the victim to rest.
First Aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with Mild soap and water, followed by warm water rinse.
First aid measures after skin contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention

4.2 Most Important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	: Foam. Dry powder. Carbon Dioxide. Water Spray. Sand
Unsuitable Extinguishing Media	: Do not use heavy water stream

5.2 Special Hazards Arising from the Substance or Mixture

No additional information available.

5.3 Advice For Firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire fighting water to enter environment.
Protection during Firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, Protective Equipment and Emergency Procedures

General Measures	: Isolate from fire, if possible, without unnecessary risk.
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6.1.1 For Non-Emergency Personnel

Emergency Procedures	: Evacuate unnecessary personnel.
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6.1.2 For Emergency Responders

Protective Equipment	: Equip Cleanup crew with proper protection
Emergency Procedures	: Ventilate Area

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Material for Containment and Cleaning Up

See Heading 8. Exposure controls and personal protection

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Precautions for Safe Handling :Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking tobacco, or chewing gum and when leaving work.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions :Keep only in the original container with original label in a cool, well ventilated place away from Children. Keep Container closed when not in use.
Incompatible Products : Strong bases, acids.
Incompatible Materials : Sources of Ignition

7.3 Specific End Use(s)

No additional information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Refined mineral oil (CAS No. 64742-55-8)		
USA ACGIH	ACGIH TWA (mg/m3)	5 mg/m3

8.2 Exposure Controls

Personal protective Equipment : Avoid all unnecessary exposure.
Hand protection : Wear protective gloves.
Eye Protection : Chemical Goggles or safety glasses.
Respiratory protection : Wear approved mask.
Other information : When using do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical State : Liquid
Color : Cloudy to white.
Odor : Mild
Odor Threshold : No data available.
pH : 6.5-7.5
Relative Evaporation rate (butyl acetate=1) : No data available
Melting Point : No data available
Freezing Point : No data available
Boiling Point : 200 degrees F

Flash Point : > 200 degrees F
 Self Ignition Temperature : 650 degrees F
 Decomposition Temperature : No data available
 Flammability (solid, gas) : No data available
 Vapor Pressure : No data available
 Relative vapor density at 20 degrees C : No data available
 Relative density : 0.994
 Density : No data available
 Solubility : No data available

9.2 Other Information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No additional information available.

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Not established

10.4 Conditions to Avoid

Heat. Extremely High or Low Temperatures

10.5 Incompatible Materials

Strong acids, Strong Bases

10.6 Hazardous Decomposition Products

Carbon Monoxide. Carbon Dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity : Not classified

Refined Mineral oil	
LD50 oral rat	➤ 5000 mg/kg (Rat)
LD50 dermal rabbit	➤ 2000 mg/kg (Rabbit)

Skin corrosion/irritation : Not classified
 pH 6.5-7.5
 Serious Eye damage/irritation : Not classified
 pH: 6.5-7.5
 Respiratory or skin sensitization : Not Classified
 Germ Cell Mutagenicity : Not Classified
 Carcinogenicity : Not Classified

Refined mineral oil (CAS No. 64742-55-8)	
IARC Group	3- Not Classifiable

Reproductive Toxicity : Not Classified
 Specific Target Organ Toxicity (Single Exposure) : Not Classified
 Specific Target Organ Toxicity (Repeated Exposure) : Not Classified
 Aspiration Hazard : Not Classified
 Potential Adverse Human Health Effects and Symptoms : Based on available date, the classification criteria are not met

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available.

12.2 Persistence and Degradability

Monterey Horticultural Oil RTU	
Persistence and Degradability	Not Established

Refined mineral oil (CAS No. 64742-55-8)	
Persistence and Degradability	Contains non readily biodegradable component(s)

12.3 Bioaccumulative Potential

Monterey Horticultural Oil RTU	
Bioaccumulative Potential	Not established

Refined mineral oil (CAS No. 64742-55-8)	
Bioaccumulative Potential	No bioaccumulation data available.

12.4 Mobility in Soil

No additional information available

12.5 Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal Recommendations :Dispose in a safe manner in accordance with local/national regulations.
 Ecology – Waste Materials : Avoid Release into the environment

SECTION 14: TRANSPORT INFORMATION

In accordance with DOT

Non dangerous good in sense of transport regulations

Additional Information

Other information : No supplementary information Available

ADR

Transport document description
 Transport by Sea
 No additional information available.
 Air Transport

No additional information available.

SECTION 15: REGULATORY INFORMATION

This chemical is a product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Causes moderate eye irritation.

15.1 US Federal Regulations

Monterey Horticultural Oil RTU
Not listed on the United States TSCA (Toxic Substances Control Act) Inventory

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15.2 International Regulations

CANADA

No Additional Information Available

EU-Regulations

No Additional Information Available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.3 US State Regulations

Refined mineral oil (CAS No. 64742-55-8)
US – New Jersey – Right to Know Hazardous Substance List

SECTION 16: OTHER INFORMATION

Other Information

: None

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