



Manufacturer of Polyaspartic Polyurea Floor Coatings

MATERIAL SAFETY DATA SHEET

OIL DESTROYER

ROCKSOLID FLOORS OIL DESTROYER

Product Name: ROCKSOLID FLOORS OIL DESTROYER
Product Number: ROCKSOLID FLOORS OIL DESTROYER
MSDS #: 09/2013 v. 1.0
Date Issued: 09/2013
Issued by: RockSolid Floors

For Emergency Assistance involving chemicals call CHEMTREC (800) 424-9300

MANUFACTURED BY:
RockSolid Floors
2271 2nd St N
North St. Paul, MN 55109
866-765-4310

TRANSPORTATION EMERGENCY • CALL CHEMTREC: (800) 424-9300 • INTERNATIONAL: +1 (703) 527-3887

1. Product and Company Identification

Product Number: ROCKSOLID FLOORS OIL DESTROYER
Chemical Family: Degreaser

2. Hazards Identification

EMERGENCY OVERVIEW

CAUTION!

The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions. May cause sensitization by skin contact. very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

HAZARD DESCRIPTION

Irritant.Dangerous for the environment

INFORMATION PERTAINING TO PARTICULAR DANGERS FOR MAN AND ENVIRONMENT

The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.

Flammable. Irritating to skin. May cause sensitization by skin contact. very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION SYSTEM

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

3. Composition/Information on Ingredients

weight %	Components	CAS-No.
50-100%	(R)-p-mentha-1, 8-diene	5989-27-5
2.5%	Ethoxylated Nonylphenol	9016-45-9

4. First Aid Measures

AFTER INHALATION

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

AFTER SKIN CONTACT

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

AFTER EYE CONTACT

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

AFTER SWALLOWING

If symptoms persist consult doctor.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA

CO₂, sand, is extinguishing powder. Do not use water.

SPECIAL FIRE FIGHTING PROCEDURES

MEASURES TO NOT USE FOR FIRES

water

water with full jet

PROTECTIVE EQUIPMENT

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental release measures

PERSON-RELATED SAFETY PRECAUTIONS

wear protective equipment. keep unprotected persons away.

MEASURES FOR ENVIRONMENTAL PROTECTION

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

MEASURES FOR CLEANING/COLLECTING

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Do not flush with water or aqueous cleansing agents.

7. Handling and Storage

INFORMATION FOR SAFE HANDLING

No special precautions are necessary if used correctly.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES

keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

STORAGE

REQUIREMENTS TO BE MET BY STORAGE ROOMS AND RECEPTACLES

No special requirements.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY

Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS

keep receptacle tightly sealed.

STORAGE PERIOD

12 months in unopened containers

8. Exposure Controls/ Personal Protection

GENERAL PROTECTIVE AND HYGIENIC MEASURES

keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin.

BREATHING EQUIPMENT

Not required.

PROTECTION OF HANDS

Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product. Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.

MATERIAL OF GLOVES

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

PENETRATION TIME OF GLOVE MATERIAL

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

EYE PROTECTION

Tightly sealed goggles

9. Physical and chemical properties

Form	Fluid
Odor	Slight
pH	Not applicable
boiling/Condensation	undetermined
Melting/Freezing Point	Not available
Ignition temperature	255.0°C (491°F)
Auto igniting	Product is not self-igniting
Flash Points	47°C (117°F)
Explosion limits	Lower: 0.7 vol % upper: 6.1 vol %
vapor pressure at 20°C (68°F)	2.3 hPa (2 mm Hg)

10. Stability and Reactivity

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED

No decomposition if used according to specifications.

DANGEROUS REACTIONS

No dangerous reactions known.

DANGEROUS PRODUCTS OF DECOMPOSITION

No dangerous decomposition products known.

11. Toxicological Information

ACUTE TOXICITY

LD/LC50 values that is relevant for classification:

5989-27-5 (R)-p-mentha-1, 8-diene

Oral LD50 4400 mg/kg (rat)

PRIMARY IRRITANT EFFECT ON THE SKIN

Irritant to skin and mucous membranes.

ON THE EYE

No irritating effect.

SENSITIZATION

Sensitization possible through skin contact.

ADDITIONAL TOXICOLOGICAL INFORMATION

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

12. Ecological Information

ECOLOGICAL DATA ROCKSOLID FLOORS OIL
DESTROYER ECOTOXICAL EFFECTS
Very toxic for fish

GENERAL NOTES

Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

13. Disposal considerations

RECOMMENDATION

Must not be disposed of as normal garbage. Do not allow product to reach sewage system.
Disposal must be made according to Federal, State, and Local regulations.

14. Transportation information

DOT REGULATIONS:

Hazard class: 3

Identification number: uN1268

Packing group: III

PROPER SHIPPING NAME (TECHNICAL NAME): PETROLEUM DISTILLATES, N.O.S. LABEL 3

REMARKS

Add "Marine Pollutant" to end of proper shipping name if
shipping in a bulk container (>119 gallons).

LIMITED QUANTITY EXEMPTION

Limited quantity applies for inner pack ages 1.3 gallons or
smaller.

U.S. DOMESTIC GROUND SHIPMENTS

Combustible liquids, N.O.S. (Petroleum Distillates), NA1993,
PG III

U.S. DOMESTIC GROUND NON-BULK (119 GAL OR LESS PER CONTAINER) SHIPMENTS

Combustible liquids, N.O.S. (Petroleum Distillates), NA1993, PG III

LAND TRANSPORT ADR/RID (CROSS-BORDER)

ADR/RID CLASS: 3 Flammable liquids

DANGER CODE (KEMLER): 30

UN-NUMBER: 1268

PACKAGING GROUP: III

DESCRIPTION OF GOODS: 1268 PETROLEUM DISTILLATES, N.O.S. (DIPENTENE)

MARITIME TRANSPORT IMDG:

IMDG CLASS: 3

UN NUMBER: 1268

LABEL 3

PACKAGING GROUP: III
EMS NUMBER: F-E, S-E
MARINE POLLUTANT: YES
PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.

AIR TRANSPORT ICAO-TI AND IATA-DGR:
ICAO/IATA CLASS: 3
UN/ID NUMBER: 1268
LABEL 3
PACKAGING GROUP: III
PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.

15. Regulatory Information

Section 355 (extremely hazardous substances)
75-21-8 ethylene oxide

SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS)

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

98000-00-0 Glycol Ethers £ 1%
75-21-8 ethylene oxide £ 0.01%

TSCA (TOXIC SUBSTANCES CONTROL ACT)
All ingredients are listed.
Proposition 65

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA (PROP. 65) TO CAUSE CANCER
75-21-8 ethylene oxide

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA (PROP. 65) TO CAUSE REPRODUCTIVE TOXICITY
None of the ingredients is listed.

CANCEROGENICITY CATEGORIES
EPA (Environmental Protection Agency)
None of the ingredients is listed.

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)
5989-27-5 (R)-p-mentha-1,8-diene 3
75-21-8 ethylene oxide 1

NTP (NATIONAL TOXICOLOGY PROGRAM)
75-21-8 ethylene oxide R

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH)
75-21-8 ethylene oxide A2

MAK (GERMAN MAXIMUM WORKPLACE CONCENTRATION)
75-21-8 ethylene oxide 2

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH)
75-21-8 ethylene oxide

NFPA RATINGS (scale 0 - 4)

Health = 2

Fire = 2

Reactivity = 0

HMIS-RATINGS (scale 0 - 4)

Health = 2

Fire = 2

Reactivity = 0

OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)

75-21-8 ethylene oxide

PRODUCT RELATED HAZARD INFORMATION

The product has been classified and marked in accordance with directives on hazardous materials.

HAZARD SYMBOLS

Irritant.Dangerous for the environment.

HAZARD-DETERMINING COMPONENTS OF LABELING

(R)-p-mentha-1, 8-diene

RISKPHRASES

Flammable.Irritating to skin.May cause sensitization by skin contact.very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

keep out of the reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

wear suitable gloves.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

If swallowed, seek medical advice immediately and show this container or label.

use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

If swallowed, rinse mouth with water (only if the person is conscious).

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Department issuing MSDS: Environmental, Health and Safety department

To the best of our knowledge, the information contained herein is accurate, obtained from sources that ROCKSOLID FLOORS believes

to be accurate. Contact Person: Product Safety Department

Telephone: 866-765-4310

version Date: 02/2009

For Additions Information:



Manufacturer of Polyaspartic Polyurea Floor Coatings

Contact: MSDS Coordinator-ROCKSOLID FLOORS
During business hours, Center-866-765-4310

NOTICE

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END OF MSDS
MFG by
ROCKSOLID
FLOORS 09/13