

1. Product and Company Identification

Product Code: LFGRPCLRDS24
Product Name: Renegade Dissolver
Trade Name: RENEGADE PRODUCTS
Company Name: Maverick Abrasives
4340 E. Miraloma Ave
Anaheim, CA 92807
Web site address: www.renegadeproductsusa.com
Email address: cs@renegadeproductsusa.com
Emergency Contact: INFOTRAC (800)535-5053
Contract #914-39

2. Hazards Identification

Flammable Liquids, Category 4
Skin Corrosion/Irritation, Category 3
Skin Sensitization, Category 1A
Aspiration Toxicity, Category 2
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Warning**

GHS Hazard Phrases: H227 - Combustible liquid.
H305 - May be harmful if swallowed and enters airways.
H316 - Causes mild skin irritation.
H317 - May cause an allergic skin reaction.
H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment see ... on this label.
P331 - Do NOT induce vomiting.
P332+313 - If skin irritation occurs, get medical advice/attention.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container to ...

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS. May form explosive peroxides.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration | |
|------------|--|---------------|--|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | 5.0 -10.0 % | |
| 5989-27-5 | (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene | 2.0 -5.0 % | |
| 67-63-0 | Isopropyl alcohol | < 1.0 % | |
| 111-76-2 | Glycol ether EB | < 1.0 % | |

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Flush eyes with water as a precaution. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available.

5. Fire Fighting Measures

Flash Pt: > 53.00 C (127.4 F) Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: > 230.00 C (446.0 F)

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Dry powder. Dry sand.

Unsuitable Extinguishing Media: Do not use water jet.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information: Use water spray to cool unopened containers.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

| | |
|---|---|
| Protective Precautions, Protective Equipment and Emergency Procedures: | Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8. |
| Environmental Precautions: | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. |
| Steps To Be Taken In Case Material Is Released Or Spilled: | Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal. |

7. Handling and Storage

| | |
|---|--|
| Precautions To Be Taken in Handling: | Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Use explosion-proof equipment. |
| Precautions To Be Taken in Storing: | Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class 510): Combustible liquids Non Combustible. Handle and store under inert gas. Hygroscopic. Storage class (TRGS 510): 3: Flammable liquids |
| Other Precautions: | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. |

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|--|--------------|-------------------------------|--------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | No data. | TLV: 200 mg/m3 | No data. |
| 5989-27-5 | (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene | No data. | No data. | No data. |
| 67-63-0 | Isopropyl alcohol | PEL: 400 ppm | TLV: 200 ppm STEL: 400 ppm | No data. |
| 111-76-2 | Glycol ether EB | PEL: 50 ppm | TLV: 20 ppm | No data. |

| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
|----------|-------------------|----------------------|--|-----------|
| 67-63-0 | Isopropyl alcohol | California, USA PELs | TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm) | |
| | | NIOSH | TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm) | |
| 111-76-2 | Glycol ether EB | California, USA PELs | TWA: 97 mg/m3 (20 ppm) | |
| | | NIOSH | TWA: 5 ppm | |

Concentration:
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: > 230.00 C (446.0 F)
Decomposition Temperature: No data.
Viscosity: No data.
Explosive Properties: No data available.
Oxidizing Properties: No data available.
Information with regard to primary physical hazard:

10. Stability and Reactivity

Reactivity: No data available.
Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Heat, flames and sparks. Heat, Reacts with air to form peroxides. Conditions to Avoid:
Incompatibility - Materials To Avoid: Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids.
Hazardous Decomposition or Byproducts: No data available. In the event of fire: see section 5. Hazardous decomposition products formed under fire conditions. -Carbon oxides.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available. Vapors may form explosive mixture with air.

11. Toxicological Information

Toxicological Information: Acute toxicity.
No data available. Inhalation: Dermal. Genotoxicity in vitro - mouse - S.typhimurium: Host-mediated assay.
Result: negative.
Reproductive toxicity. Aspiration hazard: Respiratory disorder. Skin and Appendages: Other: Hair.
Rat. male.
Behavioral: Somnolence (general depressed activity).

Germ cell mutagenicity: Ames test.
Bacteria - Salmonella typhimurium, In vitro mammalian cell gene mutation test: (OECD Test Guideline 474) Mouse. male and female. Bone marrow. Hamster ovary.
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
Irritation or Corrosion: Skin corrosion/irritation.
Result: Tumorigenic:Tumors at site or application. No skin irritation -4. Serious eye damage/eye irritation: Eyes: Rabbit.
No data available. No eye irritation. Skin. Result: No skin irritation . Remarks: (anhydrous substance) (OECD Test Guideline 404) Eyes. No eye irritation . (OECD Test Guideline 405) No skin irritation -4 h.
Sensitization: Standard Draize Test. Species: Guinea pig. Result: Tumorigenic:Tumors at site or application. Mouse.

Chronic Toxicological Effects: May cause sensitisation by skin contact. Buehler Test: Result: negative. (OECD Test Guideline 406)) Maximisation Test. Does not cause skin sensitisation.
Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.
Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity - single exposure: Inhalation: Oral. May cause drowsiness or dizziness.
Acute inhalation toxicity: Central nervous system.

Carcinogenicity/Other Information: IARC: Group 3: Not classifiable as to its carcinogenicity to humans 3.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Carcinogenicity. -Rat -Oral. Result: Tumorigenic: Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder: Kidney tumors. Tumorigenic Effects: Testicular tumors.
Mouse. Oral. Gastrointestinal: Tumors. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|--|------|------|---------|------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | n.a. | n.a. | Unknown | n.a. |
| 5989-27-5 | (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene | n.a. | 3 | n.a. | n.a. |
| 67-63-0 | Isopropyl alcohol | n.a. | 3 | Unknown | n.a. |
| 111-76-2 | Glycol ether EB | n.a. | 3 | n.a. | n.a. |

12. Ecological Information

General Ecological Information: (US-EPA) (OECD Test Guideline 201))

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Persistence and Degradability: No data available. Biodegradability Result: 71 % - Readily biodegradable.
Biodegradability aerobic -Exposure time 21 d Result: 95 % -Readily biodegradable.

(OECD Test Guideline 301E) Biodegradability: aerobic -Exposure time 28. Result: 90.4 % Readily biodegradable.

Bioaccumulative Potential: No data available. No bioaccumulation is to be expected (log Pow <= 4).

Mobility in Soil: No data available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life. No data available. Very toxic to aquatic life with long lasting effects.

13. Disposal Considerations

Waste Disposal Method: Product:
 This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.
 Contaminated packaging: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licensed professional waste disposal service to dispose of this material.
 Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, n.o.s. (Hydrotreated light distillate (petroleum), (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1993 **Packing Group:** III



AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Flammable liquids, n.o.s.
UN Number: UN1993 **Packing Group:** III
Hazard Class: 3 - FLAMMABLE LIQUID

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|--|--------------|-----------|---------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | No | No | No |
| 5989-27-5 | (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene | No | No | No |
| 67-63-0 | Isopropyl alcohol | No | No | Yes |
| 111-76-2 | Glycol ether EB | No | No | Yes-Cat. N230 |

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

| | |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure) |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Respiratory or Skin Sensitization |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Aspiration Hazard |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC) | |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--|--|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No |
| 5989-27-5 | (R)-1-Methyl-4-(1-methylethenyl)-cyclohexene | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No |



SAFETY DATA SHEET

Renegade Dissolver

| | | |
|----------|-------------------|--|
| 67-63-0 | Isopropyl alcohol | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8 |
| 111-76-2 | Glycol ether EB | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8 |

16. Other Information

Revision Date: 02/03/2023

Hazard Rating System:

| | | |
|--------------|--------------------------|---|
| HEALTH | <input type="checkbox"/> | 1 |
| FLAMMABILITY | <input type="checkbox"/> | 2 |
| PHYSICAL | <input type="checkbox"/> | |
| PPE | | B |

HMIS:

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer: