

Material Safety Data Sheet



Superior solutions

Zep Inc.
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1-877-I-BUY-ZEP (428-9937)
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Section 1. Chemical Product and Company Identification

Product name LEMONGRASS EXTRACT-IT PLUS
(GreenLink)
Product use Liquid Carpet Cleaner
Product code 1284
Date of issue 08/12/08 **Supersedes** 09/23/04

2219



ISD #129 MONTEVIDEO MIDDLE SCHOOL
2001 WILLIAMS AVE
MONTEVIDEO MN 56265-2200

Printing date: 08/12/08

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls
Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
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Section 2. Hazards Identification

Emergency overview

WARNING !

CAUSES EYE IRRITATION.

*Hazard Determination System (HDS): Health, Flammability, Reactivity

1 0 0

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Absorbed through skin. Eye contact.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
Skin May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.
Inhalation Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation.
Ingestion May be harmful if swallowed. Can cause gastrointestinal disturbances.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver.

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER; 1-methoxy-2-propanol; alpha-propylene glycol methyl ether 107-98-2 1 - 10

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
Skin Contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.
Inhalation Move exposed person to fresh air. If irritation persists, get medical attention.
Ingestion Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point None.
Flammable Limits Not available.
Flammability Non-combustible.
Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

**Fire-Fighting
Procedures**

Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Do not ingest. Do not reuse container. Observe label precautions. Wash thoroughly after handling.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal ProtectionProduct name

PROPYLENE GLYCOL MONOMETHYL ETHER: 1-methoxy-2-propanol; alpha-propylene glycol methyl ether

Exposure limits

ACGIH TLV (United States, 2001).

TWA: 100 ppm 8 hour(s).

STEL: 150 ppm 15 minute(s).

Personal Protective Equipment (PPE)

Eyes Safety glasses.



Body For prolonged or repeated handling, use the following type of gloves: Neoprene gloves. Nitrile gloves. Rubber gloves.

Respiratory Use with adequate ventilation. No special protection is required.

Section 9. Physical and Chemical Properties

Physical State Liquid.

Color Clear. Amber. [Light]

pH 8.0 - 9.0

Odor Lemongrass.

Boiling Point 100°C (212°F)

Vapor Pressure Not determined.

Specific Gravity 1.02

Vapor Density Not determined.

Solubility Easily soluble in the following materials: cold water and hot water.

Evaporation Rate 1 (Water = 1)**VOC (Consumer)** 32.99 (g/l). 0.28 lbs/gal (3.24%)**Section 10. Stability and Reactivity**

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive or incompatible with the following materials: oxidizing materials.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological InformationAcute Toxicity**Product/ingredient name**

Propylene Glycol Monomethyl Ether

Result

LD50 Oral

Species

Rat

Dose

6600 mg/kg

Exposure

-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label |
|------------------------|-----------------|--|---------|-----|-------|
| DOT Classification | Not regulated. | Not a DOT controlled material (United States). | | | |
| IMDG Class | Not determined. | | | | |

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

