

Material Safety Data Sheet



Superior Solutions

Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Section 1. Chemical Product and Company Identification

Product name GRIP
Product use Hand Cleaner with Scrubbing Beads
Product code 0912
Date of issue 07/17/08 **Supersedes** 04/28/04

Emergency Telephone Numbers

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

For Medical Emergency
NTP/IARC: (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

Printing date: 03/13/09

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

CAUTION

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



MAY CAUSE EYE IRRITATION.

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

Not applicable.

- Eyes** May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.
- Skin** No known acute effects of this product resulting from skin contact.
- Inhalation** No known acute effects of this product resulting from inhalation.
- Ingestion** Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation.

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

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

ISOPARAFFINIC SOLVENT: hydrotreated light distillate (petroleum) 64741-73-7 20 - 30

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.
- Skin Contact** This product is formulated for use on the skin, but should always be immediately rinsed off with plenty of water. Get medical attention if irritation develops.
- Inhalation** Inhalation not likely under normal use conditions.
- Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

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

- Flash Point** None.
- Flammable Limits** Not applicable.
- 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 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 Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reusing. Do not reuse container.

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 Protection**Product name**

ISOPARAFFINIC SOLVENT: hydrotreated light distillate (petroleum)

Exposure limits

NIOSH REL (United States).
TWA: 1200 mg/m³ Form: Vapor

Personal Protective Equipment (PPE)

Eyes No special protection is required.

Body No special protection is required.

Respiratory No special ventilation requirements.

Section 9. Physical and Chemical Properties

Physical State Liquid. [Semi-solid.]

pH 6.0 - 7.0

Boiling Point 104.44°C (220°F)

Specific Gravity 0.94

Solubility Soluble in the following materials: cold water and hot water.

Color Tan. [Light]

Odor Pleasant.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate 1 (water = 1)

VOC (Consumer) 21.6 (g/l). 0.18 lbs/gal (2.3%)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive or incompatible with the following materials: oxidizing materials.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity****Product/ingredient name**

Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)

Result

LD50 Dermal

LD50 Oral

Species

Rabbit

Rat

Dose

>2000 mg/kg

>2000 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 Code: - (None.)

Classification: - (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.*