

Material Safety Data Sheet



Zep, Inc.
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Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
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Section 1. Chemical Product and Company Identification

| | |
|---------------|-----------------------------------|
| Product name | SOY POWER (Aerosol) |
| Product use | Aerosol Solvent Degreaser |
| Product code | M951 |
| Date of issue | 12/20/10 Supersedes 12/19/09 |

Emergency Telephone Numbers

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

For Medical Emergency
(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

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Section 2. Hazards Identification

Emergency overview

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

DANGER !

FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Do not smoke. Shut off all ignition sources. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. VAPOR HARMFUL.

CONTENTS UNDER PRESSURE.

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 Dermal contact. Eye contact. Inhalation.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening. May cause sensitization by skin contact. May cause allergic reactions in certain individuals.

Inhalation Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical conditions aggravated by over-exposure: heart (cardiac). Danger of disturbed cardiac rhythm.

Ingestion Unlikely in this form. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Repeated or prolonged exposure to the substance can produce hearing impairment or change. Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, heart, central nervous system (CNS), ears, testes.

Carcinogenicity

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

Product/ingredient name **ACGIH** **IARC** **EPA** **NIOSH** **NTP** **OSHA**

None.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

| Name of Hazardous Ingredients | CAS number | % by Weight |
|---|------------|-------------|
| ALKYL (C16-C18) METHYL ESTERS | 67784-80-9 | 40 - 50 |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent | 64742-47-8 | 30 - 40 |
| LIGHT AROMATIC NAPHTHA; aromatic hydrocarbon solvent; solvent naphtha (petroleum) | 64742-95-6 | 1 - 10 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1 - 10 |
| C12-C16 ETHOXYLATED ALCOHOLS | 68551-12-2 | 1 - 5 |
| CARBON DIOXIDE | 124-38-9 | 1 - 5 |

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 Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion 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. Get medical attention immediately.

Section 5. Fire Fighting Measures

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



Flash Point Not available.

Flammable Limits Not available.

Flammability FLAMMABLE. (CSMA Method) Aerosol that may flash back.

Fire hazard Flammable aerosol. Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Rags, steel wool or other wastes soaked with product may spontaneously catch fire if improperly discarded.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash contaminated clothing before reusing. Wash thoroughly after handling.

Storage CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame or any other ignition source. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

HYDROTREATED LIGHT PETROLEUM DISTILLATES;
paraffinic, naphthenic solvent
1,2,4-TRIMETHYLBENZENE

CARBON DIOXIDE

Exposure limits

Supplier Suggested (United States).
TWA: 100 ppm 8 hour(s).
ACGIH TLV (United States).
TWA: 25 ppm 8 hour(s).
OSHA PEL (United States).
TWA: 25 ppm 8 hour(s).
ACGIH TLV (United States).
TWA: 5000 ppm 8 hour(s).
STEL: 30000 ppm 15 minute(s).

**Personal Protective Equipment (PPE)**

Eyes Safety glasses.

Body For prolonged or repeated handling, use gloves. Recommended: Neoprene gloves. Nitrile gloves. Rubber gloves.

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------|----------------------|-------------------------|-------------------------------|
| Physical State | Liquid. [Aerosol.] | Color | Clear. Yellowish. |
| pH | Not applicable | Odor | Solvent. |
| Boiling Point | >160°C (>320°F) | Vapor Pressure | Not determined. |
| Specific Gravity | 0.88 | Vapor Density | Not determined. |
| Solubility | Emulsifies in water. | Evaporation Rate | Not available. |
| | | VOC (Consumer) | 85.75 g/l 0.72 lbs/gal (9.8%) |

Section 10. Stability and Reactivity

| | |
|---|--|
| Stability and Reactivity | The product is stable. |
| Incompatibility | Keep away from heat, sparks and flame. Reactive or incompatible with the following materials: oxidizing materials. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Decomposition Products | carbon oxides (CO, CO ₂), methanol and other organic materials |

Section 11. Toxicological InformationAcute Toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|-----------------------|---------|-------------|----------|
| Hydrotreated Light Petroleum Distillates | LD50 Dermal | Rabbit | >2000 mg/kg | - |
| Light Aromatic Naphtha | LD50 Oral | Rat | >5000 mg/kg | - |
| | LC50 Inhalation Vapor | Rat | 3670 ppm | 8 hours |
| 1,2,4-Trimethylbenzene | LD50 Oral | Rat | 4700 mg/kg | - |
| C12-C16 ETHOXYLATED ALCOHOLS | LD50 Oral | Rat | 5000 mg/kg | - |
| | | Rat | 1380 mg/kg | - |

Section 12. Ecological Information

| | |
|------------------------------|----------------|
| Environmental Effects | Not available. |
|------------------------------|----------------|

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: D001 Classification: - [Hazardous waste] Origin: - [RCRA waste.] |
|---------------------|--|

Section 14. Transport Information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label |
|---------------------------|-----------------|--------------------------|---------|-----|-------|
| DOT Classification | Not applicable | Consumer commodity ORM-D | | | |
| 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:

Product name

1,2,4-Trimethylbenzene

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.

United States inventory (TSCA 8b): Not determined.

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. :
Toluene, Benzene, Naphthalene

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.