

Material Safety Data Sheet



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 WORK DAY
Product use Liquid Hand Cleaner
Product code 0952
Date of issue 08/06/10 **Supersedes** 12/08/04

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

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 08/06/10

Section 2. Hazards Identification

Emergency overview

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

CAUTION!



MAY BE HARMFUL IF SWALLOWED. 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

Eye contact.

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 significant effects or critical hazards.

Ingestion

Can cause gastrointestinal disturbances.

Chronic effects

Contains material which may cause damage to the following organs: liver, eyes, central nervous system (CNS).
Prolonged or repeated contact may dry skin and cause irritation.

Carcinogenicity

No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum); C12-C14 isoalkanes	68551-19-9	10 - 20
SODIUM LAURYL ETHER SULFATE; sodium laureth sulfate	68585-34-2	10 - 20
Pumice	1332-09-8	5 - 15

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

Skin Contact

This product is formulated for use on the skin. Get medical attention if irritation develops.

Inhalation

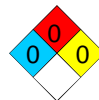
Inhalation not likely under normal use conditions.

Ingestion

Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. 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	Not available.
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	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Product forms slippery surface when combined with water.
-----------------------	---

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Do not ingest. Do not reuse container. 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. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Keep out of the reach of children.

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

ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum); C12-C14 isoalkanes

Exposure limitsNIOSH REL (United States).
TWA: 1200 mg/m³ Form: Vapor**Personal Protective Equipment (PPE)**

Eyes	No special protection is required.
Body	No special protective clothing is required.
Respiratory	No respiratory protection needed under normal use conditions.

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Opaque. Paste.]	Color	Beige. Orange. [Light]
pH	6 to 7	Odor	Pleasant.
Boiling Point	104.4°C (219.9°F)	Vapor Pressure	Not determined.
Specific Gravity	1.01	Vapor Density	Not determined.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate	1 (Water = 1)
		VOC (Consumer)	0 g/l

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous Polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Sodium Lauryl Ether Sulfate	LD50 Oral	Rat	1200 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: - (None.)

Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	Not regulated.	-	-	
MDG Class	Not available.	Not available.	Not available.	-	

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.](#)

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

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.