



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name ZEP-O-KREME
Product use Waterless Hand Cleaner
Product code 0965
Date of issue 04/14/11 **Supersedes** 04/22/08

Emergency Telephone Numbers

For MSDS Information:

Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency

CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By

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Section 2. Hazards Identification

Emergency overview

Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing.
Wash thoroughly after handling.

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

Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin

Non-sensitizer to skin.

Inhalation

Inhalation not likely under normal use conditions.

Ingestion

No data on acute toxicity of the product when ingested.

Chronic effects

There is no known chronic effect after exposure to this product.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent	64742-47-8	30 - 60
C12-C16 ETHOXYLATED ALCOHOLS	68551-12-2	7 - 13
PROPYLENE GLYCOL; 1,2-dihydroxypropane,1,2-propanediol	57-55-6	1 - 5
OLEIC ACID; 9-octadecenoic acid; oleoate	112-80-1	1 - 5
COCONUT DIETHANOLAMIDE; cocoamide dea; coconut oil diethanolamine	68603-42-9	0.58079 - 2.904
TALL OIL FATTY ACIDS; fatty acids, tall oil	61790-12-3	0.21279 - 1.064
DIETHANOLAMINE; 2,2'-iminodiethanol; bis(2-hydroxyethyl)amine; dea	111-42-2	0.15821 - 0.79105
COCUNUT FATTY ACID; coco fatty acids; fatty acids; coco	61788-47-4	0.048203 - 0.24101

Section 4. First Aid Measures

Eye Contact

Get medical attention immediately. 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.

Skin Contact

This product is formulated for use on skin but should be rinsed off when possible. Get medical attention if irritation develops.

Inhalation

Inhalation not likely under normal use conditions. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

Ingestion

Aspiration hazard if swallowed. Can enter lungs and cause damage. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. 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. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not available.
Flammable Limits	Not available.
Flammability	Gel structure inhibits combustibility of solvent.
Auto-ignition Temperature	
Fire-Fighting Procedures	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use dry chemical or CO ₂ .
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Products of Combustion	Decomposition products may include the following materials: carbon oxides and other unidentified organic compounds
Explosion hazard	Not available.

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 or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 container tightly closed and sealed until ready for use. Keep out of the reach of children.

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

Hydrotreated Light Petroleum Distillates

C12-C16 ETHOXYLATED ALCOHOLS

Propylene Glycol

Exposure limits**Supplier Suggested (United States).**

TWA: 100 ppm 8 hour(s).

ACGIH TLV (United States).

TWA: 100 ppm

AIHA WEEL (United States).TWA: 10 mg/m³ 8 hour(s).**Personal Protective Equipment (PPE)**

Eyes	Recommended: Avoid contact with eyes.	
Hands and Body	Recommended: No special protective clothing is required.	
Respiratory	Recommended: A respirator is not needed under normal and intended conditions of product use.	

Section 9. Physical and Chemical Properties

Physical State	Gel / Liquid.	Color	Clear. Yellow.
pH	8.0 (Conc (w/w): 1.0%)	Odor	Fruity.
Boiling Point	Not available.	Vapor Pressure	Not available.
Specific Gravity	0.9	Vapor Density	Not available.
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	Not available.
Freezing Point		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	Will not occur.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

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

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hydrotreated Light Petroleum Distillates	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
C12-C16 ETHOXYLATED ALCOHOLS	LD50 Oral	Rat	1380 mg/kg	-
propane-1,2-diol	LD50 Dermal	Rabbit	208 mg/kg	-
	LD50 Oral	Dog	260 mg/kg	-
	LD50 Oral	Mouse	240 mg/kg	-
	LD50 Oral	Rat	200 mg/kg	-

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 applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: Not applicable.
Classification: Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	Not regulated.	-	-	-		-
IMDG 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. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada**

WHMIS (Canada) Not controlled under WHMIS (Canada).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

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.*