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Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name REACH

Product use Liquid Hand Cleaner

Product code 0925

Date of issue 09/16/14 **Supersedes** 05/28/12

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.

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.

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

Skin Non-sensitizer to skin.

Inhalation Inhalation not likely under normal use conditions. Can cause dizziness, light-headedness, headache, nausea and blurred vision.

Ingestion Harmful if swallowed.

Chronic effects Prolonged or repeated contact may dry skin and cause irritation.

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	15 - 40
MONOETHANOLAMINE; 2-aminoethanol; MEA	141-43-5	1 - 5
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly(oxy-1,2-ethanediyl) alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	1 - 5
Stearic Acid	57-11-4	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.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation 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 if adverse health effects persist or are severe.

Ingestion 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.

Section 5. Fire Fighting Measures

Flash Point Not determined.

Flammable Limits Not determined.

Flammability Gel structure inhibits combustibility of solvent.

Auto-ignition Temperature

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire.

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

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.

Section 7. Handling and Storage

Handling Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes.

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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name	Exposure limits
Distillates (petroleum), hydrotreated light	**CA British Columbia Provincial (Canada, 9/2010). Absorbed through skin.** TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hour(s). **CA Alberta Provincial (Canada, 4/2009). Absorbed through skin.** 8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hour(s). **CA Ontario Provincial (Canada, 7/2010). Absorbed through skin.** TWA: 200 mg/m³ 8 hour(s).
2-aminoethanol	**CA Alberta Provincial (Canada, 4/2009). Skin sensitizer.** 8 hrs OEL: 7.5 mg/m³ 8 hour(s). 8 hrs OEL: 3 ppm 8 hour(s). 15 min OEL: 15 mg/m³ 15 minute(s). 15 min OEL: 6 ppm 15 minute(s). **CA British Columbia Provincial (Canada, 9/2010).** TWA: 3 ppm 8 hour(s). STEL: 6 ppm 15 minute(s). **CA Ontario Provincial (Canada, 7/2010).** TWA: 3 ppm 8 hour(s). TWA: 7.5 mg/m³ 8 hour(s). STEL: 6 ppm 15 minute(s). STEL: 15 mg/m³ 15 minute(s). **CA Quebec Provincial (Canada, 6/2008).** TWAEV: 3 ppm 8 hour(s). TWAEV: 7.5 mg/m³ 8 hour(s). STEV: 6 ppm 15 minute(s). STEV: 15 mg/m³ 15 minute(s).
Stearic acid	**CA Ontario Provincial (Canada, 7/2010).** TWA: 10 mg/m³ 8 hour(s). Form: Total particulate mass

Personal Protective Equipment (PPE)

Eyes No special protection is required. Avoid contact with eyes.

Hands and Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid. [Gel]

pH 8

Boiling Point Not determined.

Specific Gravity 0.95

Solubility Emulsifies in water.

Freezing Point

Color Green. [Light]

Odor Almond-like.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate Not determined.

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 No known significant effects or critical hazards. Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Acute Toxicity

Product/ingredient name	Result	Species	Dose	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 applicable 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	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.