



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name M.V.P.
Product use Waterless Liquid Hand Cleaner
Product code 0927
Date of issue 12/07/10 **Supersedes** 03/28/08

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 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

Not applicable.

Eyes

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

Skin

One of the ingredients in this product has cause sensitization reactions in a small percentage of the general population.

Inhalation

Inhalation not likely under normal use conditions.

Ingestion

Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

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

<u>Name of Hazardous Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
D-LIMONENE; orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	7 - 13
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly(oxy-1,2-ethanediyl) alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	1 - 5
polyethoxylated (15) cocamine	61791-14-8	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

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

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. Stop if the exposed person feels sick as vomiting may be dangerous. 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 available.
Flammability	Gel structure inhibits combustibility of solvent.
Auto-ignition Temperature	
Fire-Fighting Procedures	Fire-fighters should wear appropriate protective equipment. In case of fire, use water spray (fog), foam, 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	carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂ etc.)
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	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. Keep out of the reach of children.

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

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	No special protection is required.
Hands and 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. [Viscous liquid.]	Color	Opaque. White.
pH	4.8-5.2	Odor	Citrus
Boiling Point	Not available.	Vapor Pressure	Not available. Not determined.
Specific Gravity	0.95	Vapor Density	Not determined.
Solubility	Very slightly soluble in the following materials: cold water and hot water. Emulsifies in water.	Evaporation Rate	Not determined.
Freezing Point		VOC (Consumer)	7.9% 0.63 (lbs/gal) 75 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Not available.
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
Nonylphenoxy poly(Ethyleneoxy) Ethanol	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	3310 mg/kg	-
POLYETHOXYLATED (15) COCAMINE	LD50 Oral	Rat	750 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
POLYETHOXYLATED (15) COCAMINE	-	Acute EC50 12 mg/l	Daphnia	48 hours

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.*