

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Name MURPHY OIL SOAP LIQUID **Product Use** Liquid Hard Surface Cleaner **Whmis Classification:** NCP
Supplier's Name Colgate-Palmolive Canada Inc. **Address:** Two Morneau Sobeco Centre, 6th Floor
895 Don Mills Road, Toronto, Ontario M3C 1W3
Telephone No.: (416) 421-6000 **Emergency Contacts:** Check your local Poison Control Centre in your telephone white pages.

SECTION II - PREPARATION OF MSDS

PREPARED BY: Technical Services **PHONE:** (416) 421-6000 **DATE:** January 1, 2012
N/A = Not Applicable; N/E = Not Established/Available

SECTION III - HAZARDOUS INGREDIENTS

Hazardous Ingredient	Concentration Range %	C.A.S. or U.N. Number	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
N/A				

SECTION IV - PHYSICAL DATA

<u>Physical State</u> Liquid	<u>Odour and Appearance</u> Various scents and colours	<u>Odour Threshold</u> N/E	<u>Specific Gravity</u> 1.012 (20°/20° C)	<u>Vapour Pressure</u> N/E	
<u>Vapour Density</u> N/E	<u>Evaporation Rate</u> N/E	<u>Boiling Point</u> N/E	<u>Freezing Point</u> N/E	<u>pH</u> 10.4 - 11.6 (1% Sol'n)	<u>Coefficient of Water/Oil Distribution</u> N/E

SECTION V - FIRE OR EXPLOSION HAZARD

Flammable: Yes () No (X) **If yes, under which conditions:**

Means of Extinction: If involved in fire, use water, dry alcohol type or all purpose foam, dry chemical, carbon dioxide or other Class B extinguishing agents.

<u>Flashpoint and Method</u> > 220° F	<u>Upper Flammable Limit</u> N/E	<u>Lower Flammable Limit</u> N/E	<u>Auto-ignition Temperature</u> N/E
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Hazardous Combustion Products: Carbon monoxide

<u>Explosion Data Sensitivity To Mechanical Impact</u> N/E	<u>Explosion Data Sensitivity To Static Charge</u> N/E
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SECTION VI - REACTIVITY DATA

Chemical Instability: Yes () No (X) **If yes, under which conditions?**

Incompatibility To Other Substances: Yes (X) No () **If yes, which ones?** Reactive alloys (aluminum, brass, bronze etc.) Strong oxidizing agents

Reactivity: Yes () No (X) **If yes, under which conditions?**

Hazardous Decomposition Products: None known

SECTION VII - TOXICOLOGICAL PROPERTIES OF PRODUCT

 This product has not been tested as a whole.

Routes of Entry: Skin Contact X Skin Absorption Eye Contact X Inhalation X Ingestion X

Effects of Acute Exposure To Product:

Skin Contact: May cause irritation Skin Absorption: N/A
Eye Contact: Eye irritant upon direct contact Inhalation: N/E
Ingestion: Extremely low toxicity. May cause nausea, vomiting, and diarrhea.

Effects of Chronic Exposure To Product: N/E

LD₅₀ of Product (Specify Species and Route) N/E **LC₅₀ of Product (Specify Species)** N/A

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SECTION VII - TOXICOLOGICAL PROPERTIES OF PRODUCT This product has not been tested as a whole.

Exposure Limits

N/E

Irritancy of Product

N/E

Sensitization of Product

N/E

Carcinogenicity

N/E

Reproductive Toxicity

N/E

Teratogenicity

N/E

Mutagenicity

N/E

Synergistic Materials

N/E

SECTION VIII - PREVENTATIVE MEASURES

Personal Protective Equipment: Rubber or Plastic Gloves, Goggles or Safety Glasses, Protective Clothing

Engineering Controls: Safety Showers and Eyewash Fountains should be available. The product should be used in a well ventilated area.

Leak and Spill Procedures: Flush with water.

Waste Disposal: Dispose in accordance with Federal, Provincial and Local regulations.

Handling Procedures and Equipment: Avoid contact when handling.

Storage Requirements: Store above freezing and below 45° C.

Special Shipping Instruction: Heated car or truck shipment is required to prevent freezing.

SECTION IX - TRANSPORTATION OF DANGEROUS GOODS

TDG Regulated Product: Yes () No (X) **Product TDG or CFR 49 Shipping Name** N/A
(If CFR so indicate)

PIN Number: N/A **Packaging Group** N/A

SECTION X - FIRST AID MEASURES

Skin: Flush the contact area with lukewarm running water for at least 15 minutes. If irritation persists, call a physician.

Eye: Flush the contaminated eye(s) for at least 15 minutes with lukewarm water, holding the eyelid open. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for eye injuries.

Inhalation: Remove to fresh air. Call a physician if irritation persists.

Ingestion: If swallowed drink 3 - 4 glasses of water. Call a physician.

This product is labeled in accordance with the requirements of the Hazardous Products Act and/or the Pest Control Products Act in that the use pattern and exposure in the workplace is generally consistent with that experienced by consumers. In certain respects, the requirements of the Workplace Hazardous Materials Information System applicable to the drafting of this Material Safety Data Sheet may differ from the requirements of those acts and regulations and as a result, this MSDS may contain additional information to that found on the label.

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the safety and suitability of each such product for their particular purposes.