

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: Liquid Concentrated Cleaner

WHMIS Class: D2B

Trade Name: MURPHY OIL SOAP

Product Use: Hard surface cleaner

Supplier Name & Address:

Distributor Name & Address:

Colgate-Palmolive Canada Inc.
Two Morneau Sobeco Centre, 6th Floor
895 Don Mills Road, Toronto, Ontario M3C 1W3
Telephone: (416) 421-6000

Prepared By: Colgate-Palmolive Canada Inc. Technical Services
Preparation Date: January 1, 2010

Emergency Phone Number: CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TVL	LC50	LD50
Ethyl Alcohol	64-17-5	0.1 - 1.0	TVL - 1000 ppm		7060 mg/Kg (oral, rat)

SECTION III - PHYSICAL DATA

Boiling Point (°C): Not Established	Specific Gravity (H2O = 1): >1.012 @ 25°C/20°C	Vapour Pressure (mm Hg): Not Established
Freezing Point (°C): Not Established	Vapour Density (Air = 1): Not Available	Evaporation Rate (BuAc = 1): Not Established
Percent Volatile (Wt%): Not Established	pH (100%): 10.4-11.6 (1% solution)	Physical State: Liquid
Solubility in Water: Soluble	Odour: Citrus scent	Viscosity @ 20°C: Not Established
Appearance: Amber viscous		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable	Flash Point deg. (C, TCC): Greater than 200°F	LEL: N/A	UEL: N/A
Hazardous Combustion Products: Carbon monoxide & dioxide	Means of Extinction: If involved in fire use water, carbon dioxide or other Class B extinguishers.		
Special Fire Hazards: None			

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	YES ___	NO <u>X</u>	If YES, Under Which Conditions:
Incompatible Materials: Reactive alloys (aluminum, brass, bronze, etc.), strong oxidizing agents			Hazardous Decomposition Products: None

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry:	<u>X</u> Eye	<u>X</u> Skin Contact	___ Skin Absorption	___ Inhalation	<u>X</u> Ingestion
Effects of Acute Exposure:	Can produce eye irritation. May cause vomiting and unpleasant aftertaste if swallowed.				
Effects of Chronic Exposure:	No data available. Irritancy: Eye irritant only				
Carcinogenicity:	Non hazardous by WHMIS criteria.				
Teratogenicity, Mutagenicity, Reproductive Effects:	Based on available information it is believed the product does not cause these effects.				
Synergistic Materials:	Not Established Respiratory Tract Sensitization: None				

SECTION VII - PREVENTATIVE MEASURES

Personal Protective Equipment: Wear plastic or rubber gloves and eye goggles or safety glasses when handling product.
Engineering Controls: General ventilation is adequate.
Leak and Spill Procedure: Small spills can be brushed up with a broom or vacuum pump. CAUTION: Spill area may be slippery.
Waste Disposal: In accordance with Federal, Provincial or local government requirements.
Storage Requirements: Store in a cool, dry place.
Special Shipping Info: Heated car or truck shipment is required to prevent freezing.

SECTION VIII - FIRST AID

Eye: Immediately flush with lukewarm water for 15 minutes, holding the eyelid open. Take care not to rinse contaminated water into the non-affected eye.
Always seek medical attention for eye injuries.
Skin: Immediately flush with water. Call a physician if irritation develops.
Inhalation: None
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Call a physician immediately. Never give anything by mouth if victim is unconscious or rapidly losing consciousness or is convulsing.

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