



Dish Detergent

DESCRIPTION

Dish Master is our biodegradable and phosphate-free hand dishwashing liquid designed to remove grease and oils while remaining gentle on hands. It is an orange colored, fresh smelling liquid which dissolves quickly in water to give extremely effective grease and food soil removal. Hardworking *Dish Master* provides long lasting suds while soaking dishes clean and rinses freely without streaking or spotting.

Dish Master has a thick, rich formula that cuts through stubborn grease and removes dried-on cooked food.

DIRECTIONS

Pour a little *Dish Master* into running water to fill the basin or wash sink. Wash glasses and cups first followed by more soiled items. Grease, oils and food particles are removed to give clean, soil-free surfaces.

PHYSICAL DATA

Appearance	Clear liquid
Color	Orange
Foam	High
Odor	Palmolive-type
pH	7.5 - 8.5

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **DISH MASTER**
 Product Use: *Manual liquid dish detergent.*

WHMIS CODE: D2B
 Proper Shipping Name: N/A
 Hazard Class: N/A
 UN Number: N/A

HMIS	
1	Health
0	Flammability
0	Reactivity
A	Personal

A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
SODIUM ALKYL BENZENE SULPHONATE	25155-30-0	5.0 - 10.0	NONE	NONE
LD50	1260 mg/kg (oral, rat)			
LD50	N/D (Dermal)			
LC50	N/D			

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear orange, fresh scent.	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH: 8.0 +/- 0.5
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.022 @ 20°C
Coeff. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC) **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Unusual Fire and Explosion Hazards: None. **Conditions of Flammability:** None.
Hazardous Combustion Products: Oxides of carbon and sulfur, and other possible unidentifiable organic compounds.
Special Fire Fighting: Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not Occur.
Incompatibility (material to avoid): None known.
Hazardous Decomposition Products: Oxides of carbon and sulfur, and other possible unidentifiable organic compounds.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.	Routes of Entry: Skin and eye contact.
Irritancy of Product: Irritating to eyes.	Carcinogenicity: None known.
Sensitization: None known.	Mutagenicity: None known.
Teratogenicity: None known.	Reproductive Toxicity: None known.
Name of Toxicological Synergistic Product: None known.	
Effects of Chronic Exposure: None known.	
Effects of Acute Exposure to Product: Product exposure may irritate eyes. Prolonged or repeated exposure to skin may cause dryness. Inhalation of vapors or mists is unlikely because of product use. Ingestion may cause gastrointestinal and abdominal discomfort.	

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. However, if product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.
Ventilation: Use with normal ventilation.
Protective Gloves: Normally not required. However, wearing of rubber gloves are recommended to minimize skin dryness from prolonged or repeated skin contact.
Eye Protection: Normally not required. However, wearing of safety goggles are recommended if there is a risk of product splashing into eyes during usage.
Protective Clothing and Equipment: Normally not required.
Storage and Handling Procedures: Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.
Waste Disposal Method: Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Store at temperature below 30°C and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE