

SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY**PRODUCT NAME:** LIQUID DETERGENT**PRODUCT I.D. NUMBER (PIN):** N.A.**H.M.I.S.****PRODUCT NUMBER:** 304001**WHMIS CLASS:** B3; D2B**PRODUCT USE:** Liquid hand dishwashing detergent**DOT HAZARD CLASS:** Non-Regulated**COMPANY:**GORM Incorporated
1501 South Hudson Avenue
Ontario, CA 91761**DOT SHIPPING NAME:**

N.A.

1	HEALTH	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
2	FIRE	
0	REACTIVITY	
B	MAXIMUM PERSONAL PROTECTION	

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

EMERGENCY PHONE: 800-255-3924**ABBREVIATION KEY:** N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined**SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION**

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	40-70	N.E.	N.E.	N.D.	N.D.
Coco betaine	68424-94-2	1-5	N.E.	N.E.	>5ml/kg	N.D.
Alkanolamide	N.A.	5-10	N.E.	N.E.	N.D.	N.D.
Surfactants	N.A.	30-60	N.E.	N.E.	N.D.	N.D.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color: Blue	Boiling Point: 100°C (212°F)	Vapor Pressure: <30 mm of Hg	pH: 5.5-6.5
Odor: Floral	Freezing Point: 0°C (32°F)	Vapor Density (Air=1): <1	1% pH: 7.0
Physical State: Liquid	Water/Oil Distribution: N.E.	Evaporation Rate (Water=1): N.E.	Specific Gravity: 1.06 gm/ml
Solubility in Water: Complete	Odor Threshold: N.E.	VOC Content: 4.4%	Weight per Gallon: 8.91 lbs./gal.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 124°F 51°C (C.C.)	Autoignition Temperature: N.A.	Extinguishing Media: Use dry chemical or CO2.
Flammable Limits: Combustible Liquid.	LEL: N.E. UEL: N.E.	Special Fire Fighting Procedures: Use proper protective equipment.
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: Avoid sources of ignition.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable.	Hazardous decomposition of By-Products: None known.
Incompatibility (Materials to Avoid): Strong oxidizers and sources of ignition.	Hazardous Polymerization: Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion.	Toxicologically Synergistic Products: None known.
Sensitization: No.	Medical Conditions Aggravated by Exposure: None known.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):	
Eyes: May cause irritation.	
Skin: May cause mild irritation.	Carcinogenic Effects: NO carcinogenic effect.
	Mutagenic Effects: NO mutagenic effect.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.	Teratogenic Effects: NO teratogenic effect.
Inhalation: Non-hazardous in the case of inhalation.	Reproductive Toxicity: NO reproductive toxicity effect. NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation.	Ventilation: Local Exhaust: N.A. Mechanical: Acceptable
Protective Gloves: Rubber if needed to protect sensitive skin.	Eye Protection: As required to prevent splashing into eyes.
Protective Clothing and Equipment: As needed to prevent wetting of clothing.	Work and Hygienic Practices: Wash thoroughly after handling.
Storage Requirements: Store in cool, dry area away from sources of ignition. Empty container retains vapor and product residue; do not puncture or weld on or near container.	Other Requirements: Keep out of reach of children.
Steps to be Taken if Material is Spilled or Released: Collect and reuse if possible. Ventilate area and remove all sources of ignition. Collect on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.	
Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.	

SECTION 8 - EMERGENCY FIRST AID PROCEDURES**FIRST AID - NOTES TO PHYSICIAN:****Eyes:** Flush with a large amount of water for 15 minutes holding eyelids open.**Skin:** Wash with mild soap and water.**Ingestion:** Give 2-3 large glasses of water. Seek medical attention. In all cases if symptoms persist, seek medical attention.**Inhalation:** Non-hazardous in the case of inhalation.**Note to Physician:** No additional information.**SECTION 9 - PREPARATION INFORMATION****Prepared By:** Regulatory Affairs Department**Phone:** 800-640-4676**Date of Preparation:** June, 2000