



Commercial Products Group
CPG TN 6
2 Procter & Gamble Plaza
Cincinnati, OH 45202

HMIS®
Health 1
Flammability 0
Reactivity 0

MATERIAL SAFETY DATA SHEET

Issue Date: 10/00

SECTION I

Emergency Telephone Number: 1-800-332-7787 or Local Poison Control Center

Identity: **IVORY LIQUID Dish Detergent**

Ingredient/Chemical Name: Cleaning and sudsing agents (anionic, and nonionic surfactant) dispensing aid (ethyl alcohol), water, stabilizing agents, and perfume.

Other: N.A.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	ACGIH TLV	OSHA PEL	Other Limits Recommended
Ethanol	Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm 1900 mg/m ³	N.K.

DOT Classification: Combustible liquid not regulated in packaging of less than 119 gallons. When shipped in bulk, classified as compounds cleaning liquid, Class 3 (NA 1993)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: N.A.

Vapor Pressure (mm Hg): N.A.

Vapor Density (Air=1): N.A.

Solubility in Water: Complete

pH (10% solution): 7.4

Specific Gravity (H₂O=1): 1.03

Percent Volatile by Volume (%): 60%

Evaporation Rate (nBuOAc=1): N.A.

Appearance and Odor: Clear liquid. Product is perfumed.

SECTION IV - FLAMMABILITY AND REACTIVITY

Flash Point (Method Used): (108 °F Closed cup) **Explosive Limits:** LEL: N.A. UEL: N.A.

Extinguishing Media: Use CO₂, water or dry chemical

Special Fire Fighting Procedures: None. Although this product has a flash point below 200°F (closed cup), it is an aqueous solution containing ethyl alcohol which does not sustain combustion.

Unusual Fire Hazards: None Known.

Stability *Unstable:*

Stable: X

Conditions to Avoid: None Known

Incompatibility (Materials to avoid): None known

Hazardous Decomposition/By Products: None Known

Hazardous *May Occur:*

Conditions to Avoid: None Known

Polymerization *Will Not Occur: X*

IVORY Dish Detergent Material Safety Data Sheet (continued)

SECTION V - HEALTH AND SAFETY DATA

Route(s) of Entry: Skin contact, eye contact, ingestion

Health Hazards (Acute and Chronic): Eye: May cause transient irritation. Ingestion: Ingestion: May cause transient gastrointestinal irritation. Skin: Transient irritation with prolonged exposure to concentrated material.

Signs and Symptoms of Exposure: Eye: May cause stinging, tearing, itching, swelling and/or redness. Skin: Prolonged contact with concentrated material may be drying. Ingestion: May result in nausea, vomiting, and/or diarrhea.

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures: *Eye Contact:* Flush with water for 10 -15 minutes. *Ingestion:* Drink 1 or 2 glasses of water. *Skin:* If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.

Other: N.A.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be Taken in Handling and Storing: No unusual precautions necessary.

Other precautions: None required

Steps to Be Taken in Case Material is Released or Spilled: Flush down acceptable sewer (contains biodegradable surfactants). Prevent large spills from reaching waterway. Sorbents may be used.

Waste Disposal Method: Do not landfill. Small (household) quantities may be disposed of via sewer. Incineration is preferred where permitted by federal, state and local regulations. Disposal is to be performed in compliance with all regulations.

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None required.

Ventilation *Local Exhaust:* None required. *Special:* None

Mechanical (General): Acceptable *Other:* None

Eye Protection: None required with normal use. If a splash is possible, use goggles. **Protective Gloves:** None required with normal use.

Other Protective Equipment: None required with normal use.

*N.A. - Not Applicable

*N.K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.