

**PROCTER & GAMBLE**  
**MATERIAL SAFETY DATA SHEET**

APR 17 1996

Laundry & Cleaning Products Division  
Ivorydale Technical Center  
Cincinnati, Ohio 45217

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SECTION I

EMERGENCY TELEPHONE NUMBERS

24 Hour P&G Operator Service 1-800-765-5516 or call local Poison Control Center.

IDENTITY IVORY LIQUID (clear) (Dishwashing Liquid) AS / AC

OTHER Ingredients: Cleaning and sudsing agents (anionic and nonionic surfactants), dispensing aid (ethyl alcohol), water, stabilizing agents, and perfume.

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION  
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA, 29 CFR 1910.1200

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>CAS NO.</u>	<u>ACGLIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
Ethyl Alcohol	Ethanol	64-17-5	1900mg/m <sup>3</sup>		

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

<u>BOILING POINT (°F)</u> N.A.	<u>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</u> Bulk density ~ 1.03 g/cc
<u>VAPOR PRESSURE (MM HG)</u> N.A.	<u>PERCENT VOLATILE BY VOLUME (%)</u> ~60%
<u>VAPOR DENSITY (AIR = 1)</u> N.A.	<u>EVAPORATION RATE (nBuOAc = 1)</u> N.A.
<u>SOLUBILITY IN WATER</u> Completely soluble	<u>APPEARANCE AND ODOR</u> Clear liquid. Product is perfumed.

SECTION IV -- FLAMMABILITY AND REACTIVITY DATA

<u>FLASH POINT (METHOD USED)</u> 108°F. Closed Cup	<u>EXPLOSIVE LIMITS</u> LEL N.A. UEL N.A.
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EXTINGUISHING MEDIA  
CO<sub>2</sub>, 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

<u>STABILITY</u> Stable.	<u>CONDITIONS TO AVOID</u> None known.
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INCOMPATIBILITY (Materials to avoid)  
Chlorine bleach. (See Section VI - Other Precautions).

HAZARDOUS DECOMPOSITION/BY PRODUCTS  
None known

<u>HAZARDOUS POLYMERIZATION</u> Will not occur.	<u>CONDITIONS TO AVOID</u> None known.
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IVORY LIQUID (clear) Cont'd

SECTION V - HEALTH AND SAFETY DATA

HEALTH EFFECTS (ACUTE AND CHRONIC)

Ingestions: Ingestion may cause transient gastrointestinal irritation.  
Eye Contact: May cause mild, transient irritation.  
Skin: Transient irritation with prolonged exposure to concentrated material.

SIGNS AND SYMPTOMS OF EXPOSURE

Ingestion: May result in nausea, vomiting, and/or diarrhea.  
Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.  
Skin: Prolonged contact with concentrated material may be drying or transiently irritating to skin.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Drink 1 or 2 glasses of water.  
Eye Contact: Flush thoroughly with water for 10 to 15 minutes.  
Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or reoccur, seek medical attention.

OTHER

Consumer product package has no caution statement.  
Do not mix with chlorine bleach as hazardous fumes may result.

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SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

No unusual precautions necessary.

OTHER PRECAUTIONS

Do not mix with chlorine bleach as hazardous fumes may result.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush down acceptable sewer (contains biodegradable surfactants). Prevent large spills from reaching a waterway. Sorbents may be used.

WASTE DISPOSAL METHOD

Disposal is to be performed in compliance with all regulations. Small or household quantities may be disposed of in sewer. For larger quantities incineration is preferred. Do not landfill.

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SECTION VII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)

None required with normal use.

VENTILATION

LOCAL EXHAUST None required with normal use.

MECHANICAL (General) Normal/general dilution ventilation is acceptable.

OTHER None

EYE PROTECTION

None required with normal use.

If a splash is likely, chemical goggles may be needed.

PROTECTIVE GLOVES

None required with normal use.

Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

OTHER PROTECTIVE EQUIPMENT

None required with normal use.

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\*N.A. - NOT APPLICABLE

The submission of this MSDS may be required by law but this is not an assertion that this substance is hazardous when used in accordance with proper safety practices and normal handling procedures.