

PROCTER & GAMBLE -- JOY LIQUID DISHWASHING DETERGENT - DISHWASHING  
COMPOUND, HAND  
MATERIAL SAFETY DATA SHEET  
NSN: 7930007645075  
Manufacturer's CAGE: 74188  
Part No. Indicator: A  
Part Number/Trade Name: JOY LIQUID DISHWASHING DETERGENT

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General Information

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Item Name: DISHWASHING COMPOUND, HAND  
Company's Name: PROCTER AND GAMBLE  
Company's Street: IVORYDALE TECHNICAL CENTER  
Company's City: CINCINNATI  
Company's State: OH  
Company's Country: US  
Company's Zip Code: 45217  
Company's Emerg Ph #: 800-543-0485  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 01FEB90  
Safety Data Review Date: 18OCT91  
MSDS Serial Number: BLRQS  
Hazard Characteristic Code: N/

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: ETHYL ALCOHOL (ETHANOL)  
Ingredient Sequence Number: 01  
NIOSH (RTECS) Number: KQ6300000  
CAS Number: 64-17-5  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM; 9192

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR YELLOW LIQUID. PRODUCT IS PERFUMED.  
Specific Gravity: 1.02  
Solubility In Water: COMPLETELY SOLUBLE  
Percent Volatiles By Volume: 65

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Fire and Explosion Hazard Data

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Flash Point: 132F,56C  
Flash Point Method: CC  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: CO\*2, WATER OR DRY CHEMICAL.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: NONE.  
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#### Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): NONE KNONW.  
Materials To Avoid: CHLORINE BLEACH.  
Hazardous Decomp Products: NONE KNOWN.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT.  
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#### Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: EYE: MAY CAUSE MILD TRANSIENT IRRITATION.  
INGEST: MAY CAUSE TRANSIENT GASTROINTRESTINAL IRRITATION. SKIN: TRANSIENT  
IRRITATION WITH PROLONGED EXPOSURE TO CONCENTRATED MATERIAL.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT.  
Signs/Symptoms Of Overexp: EYE: MAY CAUSE STINGING, TEARING, ITCHING,  
SWELLING, AND/OR REDNESS. INGEST: MAY RESULT IN NAUSEA, VOMIT, AND/OR  
DIARRHEA. SKIN: PROLONGED CONTACT WITH CONCENTRATED MATERIAL MAY BE  
DRYING  
OR TRANSIENTLY IRRITATING TO SKIN.  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYE: FLUSH WITH WATER FOR AT LEAST 15 MIN.  
INGEST: DRINK 1 OR 2 GLASSES OF WATER. SKIN: IF PROLONGED CONTACT OCCURS,  
RINSE THSITd ( )405.96I

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Steps If Matl Released/Spill: FLUSH DOWN ACCEPTABLE SEWER (CONTAINS BIODEGRADABLE SURFACTANTS). PREVENT LARGE SPILLS FROM REACHING A WATERWAY.  
SORBENTS MAY BE USED.

IATA Label: FLAMMABLE LIQUID  
AFI PSN Code: MCA  
AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
AFI Class: 3  
AFI ID Number: UN1993  
AFI Pack Group: III  
AFI Basic Pac Ref: 7-7

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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 18OCT91  
Label Date: 02OCT91  
Label Status: G  
Common Name: JOY LIQUID DISHWASHING DETERGENT  
Chronic Hazard: YES  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-Moderate: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: COMBUSTIBLE.ACUTE: MAY CAUSE MILD TRANSIENT EYE IRRITATION, STINGING, TEARING, ITCHING, SWELLING, AND/OR REDNESS. SWALLOWING MAY CAUSE TRANSIENT GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND/OR DIARRHEA.CHRONIC EFFECTS: PROLONGED EXPOSURE TO CONCENTRATED MATERIAL MAY CAUSE TRANSIENT SKIN IRRITATION.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: PROCTER AND GAMBLE  
Label Street: IVORYDALE TECHNICAL CENTER  
Label City: CINCINNATI  
Label State: OH  
Label Zip Code: 45217  
Label Country: US  
Label Emergency Number: 800-543-0485