

PROCTER & GAMBLE -- DAWN LIQUID DISHWASHING DETERGENT

MATERIAL SAFETY DATA SHEET

NSN: 793000N018770

Manufacturer's CAGE: 74188

Part No. Indicator: A

Part Number/Trade Name: DAWN LIQUID DISHWASHING DETERGENT

=====

General Information

=====

Company's Name: PROCTER & GAMBLE

Company's Street: 301 E SIXTH ST

Company's P. O. Box: 599

Company's City: CINCINNATI

Company's State: OH

Company's Country: US

Company's Zip Code: 45201

Company's Emerg Ph #: 800-543-0485

Company's Info Ph #: 800-543-0485

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 002

Status: SMJ

Date MSDS Prepared: 26JUL88

Safety Data Review Date: 17APR95

MSDS Serial Number: BLFYH

Hazard Characteristic Code: F4

=====

Ingredients/Identity Information

=====

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

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: CLEAR BLUE LIQUID. PRODUCT IS PERFUMED.

Specific Gravity: 1.03

Solubility In Water: COMPLETELY SOLUBLE

Percent Volatiles By Volume: 60

=====

Fire and Explosion Hazard Data

=====

Flash Point: 116F, 47C

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: ALTHOUGH THIS PRODUCT HAS A FLASH PT BELOW 200F (CLOSED CUP), IT IS AN AQUEOUS SOLUTION CONTAINING ETHYL ALCOHOL WHICH DOES NOT SUSTAIN COMBUSTION.(SUPP DATA)

Unusual Fire And Expl Hazrds: NONE.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): NONE KNOWN.

Materials To Avoid: CHLORINE BLEACH.

Hazardous Decomp Products: NONE KNOWN.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: NO

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 GASTROINTESTINAL IRRITATION. SKIN: TRANSIENT IRRITATION W/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, &/OR REDNESS. INGEST: MAY RESULT IN NAUSEA, VOMITING, &/OR DIARRHEA. SKIN: PROLONGED CONTACT W/CONCENTRATED MATERIAL MAY BE DRYING.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYE: FLUSH W/WATER FOR A MINIMUM OF 15 MINUTES. INGEST: DRINK 1 OR 2 GLASSES OF WATER. SKIN: IF PROLONGED CONTACT OCCURS, RINSE THOROUGHLY W/WATER. IF SPILLED ON CLOTHING, CHANGE CLOTHES. IF SYMPTOMS PERSIST OR REOCCUR, SEEK MEDICAL ATTN. INHAL: REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O*2/ARTF RESP) (FP N).

=====

Precautions for Safe Handling and Use

=====

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

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE W/
FEDERAL, STATE, & LOCAL REGULATIONS. SMALL OR HOUSEHOLD QUANTITIES MAY BE
DIPOSED OF IN SEWER. FOR LARGER QUANTITIES, INCINERATION IS PREFERRED. DO
NOT LANDFILL.

Precautions-Handling/Storing: NO UNUSUAL PRECAUTIONS NECESSARY.

Other Precautions: CONSUMER PRODUCT PACKAGE HAS NO CAUTION STATEMENT. DO
NOT MIX WITH CHLORINE BLEACH AS HAZARDOUS FUMES MAY RESULT.

=====
Control Measures
=====

Respiratory Protection: NONE REQUIRED WITH NORMAL USE. IF NECESSARY, USE
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
NORMAL/GENERAL DILUTION VENTILATION IS ACCEPTABLE.

Protective Gloves: NONE REQUIRED W/NORMAL USE. (SUPP DATA)

Eye Protection: NONE REQUIRED W/NORMAL USE. (SUPP DATA)

Other Protective Equipment: NONE NECESSARY UNDER NORMAL USE.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: FIRE FIGHT PROC: WEAR NIOSH/MSHA APPROVED
SCBA & FULL PROTECTIVE EQUIPMENT (FP N). PROT GLOVES: RUBBER, NEOPRENE
GLOVES SHOULD BE USED FOR PROLONGED DIRECT CONTACT. EYE PROT: IF A SPLASH
IS LIKELY, CHEMICAL WORKERS GOGGLES MAY BE NEEDED.

Transportation Data

=====
Trans Data Review Date: 91339

DOT PSN Code: GJL

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

DOT Class: 3

DOT ID Number: UN1993

DOT Pack Group: III

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: HIA

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMO Regulations Page Number: 3345

IMO UN Number: 1993

IMO UN Class: 3.3

IMO Subsidiary Risk Label: -

IATA PSN Code: MCA

IATA UN ID Number: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *

IATA UN Class: 3

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

=====

Disposal Data

=====

=====

=====

Label Data

=====

Label Required: P

Technical Review Date: 23SEP91

Label Date: 23SEP91

Label Status: G

Common Name: DAWN LIQUID DISHWASHING DETERGENT

Chronic Hazard: NO

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-Slight: X

Special Hazard Precautions: ACUTE: MAY CAUSE MILD TRANSIENT EYE AND SKIN IRRITATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT MIX WITH CHLORINE BLEACH, AS HAZARDOUS FUMES MAY

RESULT. CHRONIC: NONE LISTED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Label Name: PROCTER & GAMBLE

Label Street: 301 E SIXTH ST

Label P.O. Box: 599

Label City: CINCINNATI

Label State: OH

Label Zip Code: 45201

Label Country: US

Label Emergency Number: 800-543-0485