

PROCTOR & GAMBLE -- LIQUID TIDE W-BLEACH ALTERNATIVE (LIQUID LAUNDRY  
MATERIAL SAFETY DATA SHEET  
NSN: 793000N055973  
Manufacturer's CAGE: 74188  
Part No. Indicator: A  
Part Number/Trade Name: LIQUID TIDE W/BLEACH ALTERNATIVE (LIQUID LAUNDRY  
DETERGENT)

=====  
General Information  
=====

Company's Name: PROCTOR & GAMBLE CO  
Company's Street: 630 MAIN ST  
Company's P. O. Box: 599  
Company's City: CINCINNATI  
Company's State: OH  
Company's Country: US  
Company's Zip Code: 45202  
Company's Emerg Ph #: 800-543-0485  
Company's Info Ph #: 513-562-0796  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 01NOV90  
Safety Data Review Date: 05DEC94  
MSDS Serial Number: BWBFX  
Hazard Characteristic Code: NK

=====  
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

=====  
Physical/Chemical Characteristics  
=====

Appearance And Odor: DARK AMBER COLOR. PRODUCT IS PERFUMED.  
Boiling Point: 210F, 99C  
Specific Gravity: 1.110(H\*20=1)  
Solubility In Water: COMPLETELY SOLUBLE.  
Percent Volatiles By Volume: 54

=====  
Fire and Explosion Hazard Data  
=====

Flash Point: >200F, >93C  
Flash Point Method: TCC  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: CO\*2, WATER.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT  
EQUIP(FP N). PROD HAS FLASH PT OF 200F(CC). IF IS AN AQUEOUS SOLN CNTNG  
ETHYL ALCOHOL & IT DOES NOT SUSTAIN COMBUST.  
Unusual Fire And Expl Hazrds: NONE.

=====  
Reactivity Data  
=====

Stability: YES  
Cond To Avoid (Stability): NONE KNOWN.  
Materials To Avoid: NONE KNOWN.  
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: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: EYE: MAY CAUSE MILD TO MODERATE TRANSIENT IRRITATION. SKIN: TRANSIENT IRRITATION WITH PROLONGED EXPOSURE TO CONCENTRATED MATERIAL. INGEST: MAY CAUSE MILD GASTROINTESTINAL IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: EYE: MAY CAUSE STINGING, TEARING, ITCHING, SWELLING &/REDNESS. SKIN: PROLONGED CONTACT WITH CONCENTRATED MATERIAL MAY BE DRYING OR TRANSIENTLY IRRITATING TO SKIN. INGEST: MAY RESULT IN NAUSEA, VOMITING, &/DIARRHEA.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. INGEST: GIVE A GLASSFUL OF WATER. SKIN: IF PROLONGED CONTACT OCCURS, RINSE THOROUGHLY WITH WATER. IF SPILLED ON CLTHG, CHANGE CLOTHES. IF SYMPTOMS PERSIST OR REOCCUR, SEEK MED ATTN. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING(GIVE O\*2/ARTF RESP)(FP N).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: FLUSH SMALL QTYS DOWN ACCEPTABLE SEWER (CONTAINS BIODEGRADABLE SURFACTANTS). PREVENT 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/ALL REGULATIONS. SMALL OR HOUSEHOLD QTYS MAY BE DISPOSED OF IN SEWER. FOR LARGER QTYS, INCINERATION IS PREFERRED. DO NOT LANDFILL. DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS(FP N).
Precautions-Handling/Storing: NO UNUSUAL PRECAUTIONS NECESSARY.
Other Precautions: NONE.

Control Measures

Respiratory Protection: NONE REQUIRED WITH NORMAL USE. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: LOCAL EXHAUST: NONE REQUIRED WITH NORMAL USE. MECH: NORMAL/ GENERAL DILUTION VENTILATION IS ACCEPTABLE.
Protective Gloves: RUBBER, NEOPRENE GLOVES.
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES(FP N).
Other Protective Equipment: NONE NECESSARY UNDER NORMAL USE.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: TRADENAME: LAUNDRY DETERGENT).

Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 05DEC94
Label Date: 05DEC94
Label Status: G
Common Name: LIQUID TIDE W/BLEACH ALTERNATIVE (LIQUID LAUNDRY DETERGENT)
Chronic Hazard: NO

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE: EYE: MAY CAUSE MILD TO MODERATE  
TRANSIENT IRRITATION. SKIN: TRANSIENT IRRITATION WITH PROLONGED EXPOSURE TO  
CONCENTRATED MATERIAL. INGEST: MAY CAUSE MILD GASTROINTESTINAL IRRITATION.  
CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: PROCTOR & GAMBLE CO

Label Street: 630 MAIN ST

Label P.O. Box: 599

Label City: CINCINNATI

Label State: OH

Label Zip Code: 45202

Label Country: US

Label Emergency Number: 800-543-0485