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MATERIAL SAFETY DATA SHEET

Issue Date: 12/03 Supersedes: N/A Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: Liquid Stain Remover

Brands: Tide Multi-Purpose Stain Remover

Hazard Rating: 1 Health: 1 4=EXTREME

Flammability: 1 3=HIGH

Reactivity: 0 2= MODERATE

1=SLIGHT

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

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Biodegradable surfactants (anionic and nonionic) and enzymes

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	Recommended Limits	Composition	LD50/LC50
Ethyl alcohol	Ethanol	64-17-5	ACGIH TWA: 1880 mg/m ³	<u>Range</u> 1-5%	N/A
Sodium borate	Borax	1330-43-4	ACGIH TWA: 5mg/m ³	1-5%	N/A
2-Aminoethanol	Ethanolamine	141-43-5	ACGIH TWA: 7.5 mg/m ³ ACGIH STEL: 15 mg/m ³ OSHA PEL: 6 mg/m ³ OSHA TWA: 8 mg/m ³ OSHA STEL: 15 mg/m ³	0.5-1.5%	N/A

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Eye Contact: : May cause mild, transient irritation.

Ingestion: May cause transient gastrointestinal irritation.

Inhalation: Transient irritation with prolonged exposure to concentrated material.

Signs and Symptoms of Exposure:

Eye Contact: May cause stinging, tearing, itching, swelling and /or redness.

Ingestion: May result in nausea, vomiting and/or diarrhea.

Skin: Prolonged contact with concentrated material may be drying or transiently irritating to

skin.

SECTION IV - FIRST AID INFORMATION

Emergency and First Aid Procedures:

Eye Contact: Flush with water for 10-15 minutes. Ingestion: Drink a large glasses of water.

Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change

clothes.

If symptoms persist or reoccur, seek medical attention.

Other: Product package has a caution statement: CAUTION: Eye Irritant Harmful if swallowed. KEEP OUT OF

REACH OF CHILDREN

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): 140°F (PM cc) Explosive Limits: LEL: N/A UEL: N/A

Extinguishing Media: CO₂, water

Special Fire Fighting Procedures: None

Unusual Fire Hazards: None. This product has a flash point above 140°F. It is an aqueous solution containing ethyl

alcohol and it does not sustain combustion.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Small or household quantities may be disposed of in refuse or in sewer. First check with you local treatment plant. For larger quantities, incineration is preferred. Discard empty container in trash.

Steps To Be Taken in Case Material is Released or Spilled: Flush small quantities down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching a waterway. Sorbents may be used. Dispose of according to local regulations.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: No unusual precautions necessary

Other Precautions: None

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): None required with normal use.

Ventilation Local Exhaust: None required with normal use. Special: None

Mechanical (General): Acceptable. Other: None

Eve Protection: None required with normal use.

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

Protective Gloves: None required with normal use.

Manufacturing Setting: Protective gloves (rubber, neoprene) should be used for any prolonged direct contact.

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point • F: 205-207°F Specific Gravity (H₂O=1): 1.060

Vapor Pressure (mm Hg): <29.4 Percent Volatile by Volume (%): 60.99% -61.66%

Vapor Density (Air=1): Unknown Evaporation Rate (nBuOAc=1): Unknown

Appearance and Odor: Amber perfumed liquid Reserve Alkalinity: N/A

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

Stability: Stable

Hazardous Polymerizations: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

SECTION XII - ECOLOGICAL INFORMATION

Based on ecotoxicity and fate data for the individual ingredients in this formula and for related cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be disposed of in refuse or in sewer. First check with your local water treatment plant. For larger quantities, incineration is preferred. Do not landfill. Discard empty container in trash.

SECTION XIV - TRANSPORT INFORMATION

DOT Classification: The finished product is not DOT hazardous.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

SECTION XVI - OTHER INFORMATION

*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.

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