Material Safety Data Sheet Rev. Date LYSOL(R) BRAND FOAMING DISINFECTANT BASIN TUB & TILE CLEANER II 04/18/97 _______ 185-0240 Reckitt & Colman Inc. 225 Summit Avenue Montvale, NJ 07645 Telephone Number: (201)573-5700 (24 hrs) Emergency Contact: CHEMTREC-for DOT emergencies only Emergency Phone Number: (800)424-9300 SECTION #1 - IDENTIFICATION Product: LYSOL(R) BRAND FOAMING DISINFECTANT BASIN TUB & TILE CLEANER II EPA Reg. No.: 777-71 Chemical Formula: PD-0581-3, TZ-1471-5, 432-036 Special Hazards: Contents Under Pressure HAZARD RATINGS: NFPA - Health: 1 Slight HMIS - Health: 1 Slight Level 1 Aerosol - Flammability: 1 Slightx O Negligible - Reactivity: 0 Minimal - Fire: - Reactivity: O Negligible *This is a Level 1 aerosol. This rating applies to the product concentrate and not the finished sealed aerosol product. Product Description: Aerosol disinfectant/cleaner - Original & Country Scents It is a violation of federal law to use this product in a manner inconsistent with its labeling. SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS Component: DIETHYLENE GLYCOL MONOBUTYL ETHER CAS Number: 112-34-5 Percent of Mixture: 5.6 No Exposure Limits Established By ACGIH or OSHA Component: ISOBUTANE (AS PROPELLANT) CAS Number: 75-28-5 Percent of Mixture: 7.0 ACGIH TLV-TWA: 800 ppm OSHA PEL-TWA: Not established

CECTION #2 PHYSICAL DATA

SECTION #3 - PHYSICAL DATA

Vapor Pressure: 34-40 PSIG @ 70F

Vapor Density (Air=1): >1 (concentrate)

Specific Gravity: 1.007 - 1.036 Solubility (H2O): Complete

Evaporation Rate: Slower than butyl acetate

pH: 12.4x

*pH range: 12.1 - 12.7

Appearance

Aerosol Container

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SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Flash Point: >200 F TCC (Product Concentrate)

Lower Explosive Limit (%): Not Determined Upper Explosive Limit (%): Not Determined

Fire and Explosion Hazards

Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 120F or in sun or discarding can in fire or incinerator may cause bursting.

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide, as suitable for surrounding fire.

Special Fire Fighting Instructions

Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire. Move containers away from fire if possible and safe to do so. Use water spray to cool fire exposed containers. Provide shielding for venting, rupturing or bursting containers.

SECTION #5 - EXPOSURE EFFECTS and FIRST AID

Route of Experies - Inhalative

Route of Exposure - Inhalation

None expected.

First Aid - Inhalation

None normally required. If necessary, remove to fresh air.

CECTION #E - EVENOURS SERVER

SECTION #5 - EXPOSURE EFFECTS and FIRST AID Continued...

Route of Exposure - Skin

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Prolonged or repeated contact may cause irritation.

First Aid - Skin

In keeping with good hygienic practices, rinse thoroughly with water.

Route of Exposure - Eyes -----

May cause eye irritation.

First Aid - Eyes

Immediately flush eyes with plenty of low pressure water. Remove contact lenses to insure a thorough flush and continue to flush with water for at least 15 minutes. Consult a physician if irritation persists.

Route of Exposure - Ingestion

May cause irritation of gastrointestinal tract.

First Aid - Ingestion

In keeping with good safety practices, contact a physician. Do not induce vomiting. Do not give liquids to an unconscious person.

Miscellaneous Toxicological Information ______

CARCINOGENICITY: NTP - No

IARC - No

OSHA - No

This product contains a compound which, in its pure form, has been reported to cause liver, kidney, spleen, thymus and blood effects in laboratory animals when exposed to high levels. These effects are considered to have no relevance to human exposure during normal use of this product.

Health Conditions Aggravated By Exposure

None Known

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: Stable

SECTION #6 - REACTIVITY & POLYMERIZATION Continued...

Conditions to Avoid (Stability) -----

Exposure to intense heat

Incompatible Materials -----

Oxidizing agents and acids

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Page: 885

Hazardous Decomposition Products

Oxides of nitrogen and/or carbon and other unidentified organic compounds may be formed during thermal decomposition

Hazardous Polymerization: Will not occur

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES

Steps to be Taken in The Event of Spills, Leaks, or Release

Spills may be flushed to sewer with large quantities of water.

Waste Disposal Methods ------

--- Julio

Dispose of in accordance with local, state and federal regulations.

Container Disposal: Do not reuse empty container. Replace cap and discard

SARA Title III Notifications and Information

SARA Title III - Section 313 Supplier Notification:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS #

Chemical Name

Percent of Mixture

_____ 112-34-5 DIETHYLENE GLYCOL MONOBUTYL ETHER

This information must be included on all MSDSs that are copied and distributed

SECTION #8 - SPECIAL PROTECTIVE MEASURES

None required.

Eye Protection

Emergency responders should wear eye protection.

Skin Protection

Emergency responders should wear impermeable gloves.

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Respiratory Protection

None required.

Other Protection ------

None required.

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING

Storage & Handling Conditions

Store in original container in areas inaccessible to small children. Do not reuse empty container. Replace cap and discard in trash. Do not incinerate or puncture.

CAUTION: Contents under pressure. Do not use or store near heat or open flame. May cause eye irritation. Avoid contact with eyes or skin. KEEP OUT OF REACH OF CHILDREN.

SECTION #10 - SHIPPING INFORMATION

Proper Shipping Name: Comsumer Commodity

Hazard Class: ORM-D Domestic Commerce - Surface Only

Formula Number: PD-0581-3, TZ-1471-5, 432-036