

MATERIAL SAFETY DATA SHEET

Product Code: M0398: File S:\Refresh.doc

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SECTION 1 - STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CLASSIFIED AS NON HAZARDOUS ACCORDING TO CRITERIA OF THE NATIONAL OCCUPATIONAL HEALTH AND SAFETY COMMISSION AND NOT A DANGEROUS GOOD ACCORDING TO THE ADG CODE

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Substance: **REFRESH**

Product Use: *Detergent for slate floors*

SECTION 2 - HAZARDS IDENTIFICATION

Emergency overview: May cause irritation to skin and eyes. Slippery if spilt.

Acute Effects:

Swallowing: This product is irritating to the gastro-intestinal tract. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

Eye: An eye irritant. Contamination of the eyes with anionic surfactants produces corneal damage, in some cases severe.

Skin: May be irritating to skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhaled: Not normally a hazard due to the non-volatile nature of the product. The vapour or mist may be irritating.

Chronic Effects: Principal routes of exposure are by accidental skin or eye contact. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible contact dermatitis.

SECTION 3 - COMPOSITION & INFORMATION ON INGREDIENTS

Ingredients	CAS No	Hazard Sym	Concentration
Sodium alkylbenzenesulfonate	68081-81-2	Xi	<10
Coconut Diethanolamide	68603-42-9	Xi, R38	<10
Nonylphenoethoxylate	9016-45-9	Xn, R22 36/38; S25	<10
Non hazardous ingredients			to 100%

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove from exposure immediately. Seek medical attention.

Skin Contact: Remove contaminated clothing. Wash with water. Seek medical attention, if required.

Eye Contact: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Seek medical attention immediately.

Ingestion: If vomiting occurs, keep head lower than hips to help prevent aspiration. Seek medical attention, if required.

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SECTION 5 - FIRE FIGHTING MEASURES

Fire Hazard: Not a fire hazard.

Explosion Hazard: Not applicable.

Extinguishing Media: Water, dry chemical, carbon dioxide, foam.

Large fires: Use regular foam or flood with fine water spray.

Fire Fighting: Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Occupational Release: Slippery when spilt. Stop leak if possible. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

SECTION 7 – HANDLING AND STORAGE

Keep container tightly closed. Suitable for any general chemical storage area.

SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

NOHSC Exposure Limits: Not applicable

Ventilation: Based on available information, additional ventilation is not required.

Eye Protection: Wear splash resistant safety goggles with a face-shield.

Skin Protection: Wear protective clothing, including boots, gloves, lab coat, apron or coveralls.

Respirator: No respirator is required under normal conditions of use..

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous, pink liquid with a pleasant floral fragrance

Boiling Point: Near 100°C

Freezing Point: Not available

Vapour Pressure: No data

Vapour Density (air=1): >1

Specific Gravity (water=1): 1.03

Water Solubility: Soluble

pH: 7-9

Volatility: Not available

Odour Threshold: Not available

Evaporation Rate: Slower than butyl acetate

Coefficient of Water/Oil Distribution: Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Stable at normal temperatures and pressure.

Conditions to Avoid: contact with incompatible materials.

Incompatibilities: Oxidizing materials

Hazardous Decomposition: Thermal decomposition products include oxides of sulfur, carbon, and nitrogen.

Polymerization: Will not polymerize.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product: no data. The following refers to the ingredients

Coconut Diethanolamide: LD50 (oral)>2000 mg/kg

Sodium dodecylbenzenesulfonate, Irritation Data: 20 mg/24 hour(s) skin-rabbit moderate; 250 ug/24 hour(s) eyes-rabbit severe; 1 percent eyes-rabbit severe. Toxicity data: 438 mg/kg

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oral-rat LD50; 1330 mg/kg oral-mouse LD50; 105 mg/kg intravenous-mouse

LD50; 3040 mg/kg/30 day(s) continuous oral-rat tdlo; 5 gmlkg/30 day(s)

intermittent oral-mouse tdlo. Local Effects: Irritant: inhalation, skin, eye. Acute

Toxicity Level: Toxic: ingestion.

Nonylphenoethoxylate: May be an eye irritant. Contact with skin will result in irritation

SECTION 12 – ECOLOGICAL INFORMATION

No data

No single ingredient (over 1 %) recognised as environmental pollutant.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations. Dilute with large volumes of water.

SECTION 14 – TRANSPORT INFORMATION

Australian Dangerous Goods Code: Not a dangerous good.

SECTION 15 – REGULATORY INFORMATION

NOHSC: Not required

SUSDP: Not a poison

SECTION 16 – OTHER INFORMATION

The above information is accurate to the best of the knowledge available to us. However since data safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.