

MATERIAL SAFETY DATA SHEET

Puraklenz

A concentrated dish washing neutral detergent

COMPANY DETAILS

Manufacture's Name: Columbus Cleaning Solutions (Pty) Ltd
Address: 40 Neptune street
Paarden Eiland
7404
Tel: (021) 510-5227
Fax: (021) 510-5847
Emergency Phone Number: (021) 510-5227
E-mail Address: salescpt@columbussa.com

1. PRODUCT NAME:

Trade Name: Puraklenz
Product Code: DET3164
Synonyms: Neutral detergent

2. COMPOSITION:

Components in concentrate form:	CAS#		
Lauryl ether sodium sulphate	CAS#	68585-34-2	< 25%
Coconut Diethanolamide	CAS#	68603-42-9	< 1%
Dodecylbenzene sulphonic acid	CAS#	68584-22-5	< 5%
Non-ionic surfactant			< 5%

R Phrases: 36, 38

3. HAZARDS IDENTIFICATION:

Main hazard: None
Flammability: Non flammable
Health effects - skin: Avoid unnecessary skin contact. Whilst no special precautions are required, some persons with sensitive skin may have some reaction to certain ingredients.
- ingestion: Avoid contact with mouth and eyes.
- inhalation: Poor volatility makes vapour inhalation unlikely.
Carcinogenicity, Mutagenicity & Neurotoxicity: No ingredients are classified as such.

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4. FIRST AID MEASURES:

Product in eye:	Flush well with water for about 10 minutes and seek medical advice if irritation persists.
Product on skin:	If irritation caused, apply skin cream.
Product ingested:	Drink large quantity of water and seek medical advice.
Product inhaled:	Poor volatility makes vapour inhalation unlikely. Foam produced after ingestion may be inhaled.

5. FIRE FIGHTING MEASURES:

Extinguishing Media:	Water, spray or fog, CO2 powder
Protective Clothing:	Wear protective clothing
Special Hazards:	None

6. ACCIDENTAL RELEASE MEASURES:

Breathing apparatus for fire only:	Ensure adequate ventilation.
Environmental Precautions:	Do not flush into sewer
Small spills:	Scrape up. Return to original container.
Large spills:	Scrape up. Return to original container.

Clean as per Government regulations. Soak up with inert absorbent material (eg. Sand, silica gel, acid binder, sawdust)

7. HANDLING AND STORAGE:

Suitable Material:	Plastic containers
Handling Storage Precessions:	Keep in a cool place. Keep lid closed.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Occupational Exposure Limits:	Nil
Engineering Control Measures:	Not required
Personal Protection:	Wear protective clothing
Other Protection:	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear green slightly viscous liquid.
Odour:	Lemon fragrance.
pH:	6.0 to 8.0
Boiling point:	About 100°C
Melting point:	N/A
Flash point:	N/A
Flammability:	Non flammable
Auto flammability:	Nil
Explosive properties:	None
Oxidizing properties:	None

10. STABILITY AND REACTIVE

Storage indoors at room temperature should not lead to gross instability.

The product is itself nonreactive but the addition of strong acids, or oxidising agents could cause the production of hazardous byproducts. Its efficiency is impaired if anionic substances are added.

11. TOXICOLOGICAL INFORMATION

It is not considered as classified "Harmful if swallowed" but may cause some irritation of the mouth or digestive tract.

From published toxicity of the ingredients and their relative concentrations the LD 50 (oral, rat) has been calculated to be greater than 5 000 mg/Kg.

12. ECOLOGICAL INFORMATION

Estimated from raw material concentrations and their published biodegradability, the product is more than 98% biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose in accordance with local legislation
Disposal of packaging:	No special precautions

14. TRANSPORT INFORMATION

Product is not classified for any mode of transport.

15. REGULATORY INFORMATION

EEC hazard classification:	N/A
Risk Phases:	36
Safety Phases:	25
National Legislation:	N/A

16. OTHER INFORMATION

Disclaimer

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