

SAFETY DATA SHEET

Radical

A non-ammoniated floor stripper

1. IDENTIFICATION

1.1 Product identifier:	Radical
Product Code:	RADICAL
1.2 Identified uses	Non-ammoniated floor stripper
1.3 Manufacture's Name:	Columbus Cleaning Solutions (Pty) Ltd
Address:	21 Christlou Crescent Alberton North 1449
Date prepared :	13.03.2023
1.4 Tel:	(011) 824-3860
Fax:	(011) 824-6331
Emergency Phone Number:	(011) 824 3860
1.5 E-mail Address:	salesjhb@columbussa.com

2. HAZARDS IDENTIFICATION:

2.1 Classification



Main hazard:	Irritant
Flammability:	Non flammable
Health effects	
- Eyes:	Irritant
- skin:	Avoid unnecessary skin contact. Precautions may be needed in the case of some persons with sensitive skin.
- ingestion:	Avoid contact with mouth and eyes.
- inhalation:	Avoid inhalation of vapor.
- Carcinogenicity, Mutagenicity & Neurotoxicity:	No ingredients are classified as such.

2.2 Labelling

S2 Keep out of reach of children.
S50 Do not mix with any other substances.
S37/39 Do not store in direct sunlight

3. COMPOSITION:

3.1 Mixture		
3-Methoxy-3-Methyl-1-Butanol	CAS# 111-76-2	<10%
Sodium Hydroxide	CAS# 1310-73-2	< 5%
Ethanolamine	CAS# 141-43-5	< 5%
Ethylenediaminetetraacetic acid	CAS# 60-00-4	< 5%

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R Phrases: 36, 38

3.2 Hazardous Ingredients: None

4. FIRST AID MEASURES:

First Aid Eyes: Irritant, burns. Flush eyes with water. Seek medical help.
 First Aid Skin: Wash with water. If irritation persists, seek medical help.
 First Aid Ingestion: Drink milk. Seek medical help.
 First Aid Inhalation: Remove to fresh air.

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: 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 liquid.
 Odor: Characteristic
 pH: 12.5 - 13.5
 Boiling point: +100°C
 Melting point: Not determined
 Flash point: Not applicable
 Flammability: Nil
 Auto Flammability: Not determined
 Explosive Properties: Nil
 Oxidizing Properties: Nil
 Vapor pressure: As for water
 Specific Gravity: 1.01 - 1.08
 Solubility: Water: Completely
 Solubility: Solvent: Partial
 Neurotoxicity: Nil.

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10. STABILITY AND REACTIVE

Chemical Stability:	Stable under normal conditions.
Incompatible Materials:	Acids
Hazardous decomposition products:	None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not toxic.
Skin and eye contact:	Eye Irritant (R36, 38)
Chronic Toxicity:	Nil
Carcinogenicity:	Nil
Mutagenicity:	Nil
Reproduction Hazard:	Nil

12. ECOLOGICAL INFORMATION

According to legal requirements for cleaning products , the surfactants have a biological biodegradability of at least 90%.

Aquatic Toxicity:	Fish:	Unknown
Aquatic Toxicity:	Daphnia:	Unknown
Aquatic Toxicity:	Algae:	Unknown
Biodegradability:	Yes	
Bio-accumulations:	Nil	

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, 38
Safety Phases:	26
National Legislation:	N/A

16. OTHER INFORMATION

Disclaimer

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