

Material Safety Data Sheet

MSDS ID: SK-160-AS

*** Section 1 - Chemical Product and Company Identification ***

Product Name: REDURAN® Special

Product Use: Skin Cleansing

Australia Distributor Information and Contacts

Pryme Australia PTY LTD.
Unit 2, 12 Sudbury Street
Darra, QLD 4076
Australia

Product Information # in Australia: (07) 3374 4544

USA Manufacturer Information

Stockhausen, Inc.
2401 Doyle Street
Greensboro, NC 27406
USA

Non-Emergency (336) 333-3500 North America
Emergency # CHEMTREC (800) 424-9300 North America
Emergency # CHEMTREC (703) 527-3887 International (Call Collect)

General Comments

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product. All Non-emergency questions should be directed to the Australian Non-Emergency number above.

*** Section 2 - Hazards Identification ***

Emergency Overview

Not classified as hazardous according to criteria of Worksafe Australia.
On contact with acids, sulphur dioxide may be given off.

Potential Health Effects: Eyes

This product may cause slight irritation to the eyes.

Potential Health Effects: Skin

None identified.

Potential Health Effects: Ingestion

Seek medical attention.

Potential Health Effects: Inhalation

No adverse effects expected with intended use as a hand cleaner.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component
25322-68-3	PEG-8
7775-14-6	Sodium Hydrosulfite
68213-23-0	Laureth-10
25307-17-9	PEG-2 Rapeseed Aminopropylamine
84012-43-1	Juglans Regia
64-02-8	Tetrasodium EDTA

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57-55-6	Propylene Glycol	
112945-52-5	Silica	
13463-67-7	CI 77891	
9032-42-2	C12-16 Alkyl Hydroxyethyl Ethylcellulose	
Not Available	Fragrance	
7558-80-7	Sodium Phosphate	

Component Information/Information on Non-Hazardous Components

See container label regarding proper handling and use of this product.

Ingredients are listed in descending order of concentration both on this MSDS and on the product container label.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

First Aid: Skin

Intended as a cosmetic hand cleaner.

First Aid: Ingestion

If material is swallowed, get medical attention or advice.

First Aid: Inhalation

None identified.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

None identified.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: DIN 51758

Flash Point: >100°C

Flammability Classification:

Auto Ignition: Not determined

Hazardous Combustion Products

On thermal decomposition, oxides of carbon, sulfur and nitrogen.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment/Instructions

Firefighters should wear self-contained air supplied breathing apparatus in enclosed areas or in areas of heavy smoke or fumes.

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Absorb spill with inert material.

Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal. Flush small residuals to the drain for normal biological wastewater treatment.

Evacuation Procedures

None identified.

Special Procedures

None identified.

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*** Section 7 - Handling and Storage ***

Handling Procedures

Keep container closed. See container label for proper use.

Storage Procedures

Protect from freezing or excessive heat to prevent component separation.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

General Product Information

No particular exposure hazards known.

Engineering Controls

None necessary.

Personal Protective Equipment: Eyes/Face

Avoid eye contact.

Personal Protective Equipment: Skin

None required.

Personal Protective Equipment: Respiratory

Not required for product end use.

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Off white	Odor:	Perfume fragrance
Physical State:	Paste	pH:	9.0 - 10.0
Vapor Pressure:	<28 mm Hg	Vapor Density:	Not Established
Boiling Point:	>100°C	Melting Point:	Not Established
Solubility (H2O):	Disperses in water	Specific Gravity:	1.23 g/cm
Evaporation Rate:	<1 (butyl acetate = 1)	Flash Point	100°C (DIN 51758)

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

Do not heat above 50°C.

Incompatibility

Strong acids, alkalis and oxidizers.

Hazardous Decomposition

Above 60°C may generate sulfur dioxide.

Hazardous Polymerization

Hazardous polymerization will not occur.

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*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

General Product Information

Adverse effects on human health are not expected in normal use.

Carcinogenicity

General Product Information

Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Other Toxicological Information

None identified.

*** Section 12 - Ecological Information ***

Ecotoxicity

General Product Information

Prevent concentrated product from penetrating into waters without biological waste water treatment.

BOD: Method: DEV H 51 (dyn., Sapromat)
BOD: 37 mg O₂/g @ 100mg/l

COD Method: DEV H 41 (DIN 38409)
COD: 149mg O₂/g @ 100 mg/l

Further Information: Data reported in Section and 12 have been determined in the Laboratory for Toxicology and Ecology, STOCKHAUSEN, GmbH & Co.. KG, Krefeld, Germany.

Environmental Fate

No information available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Absorb with inert material. Product is a paste.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Contain and collect for proper disposal. Dispose of material according to all local statutory requirements.

*** Section 14 - Transportation Information ***

International Transportation Regulations

No special storage or transport requirements necessary.

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*** Section 15 - Regulatory Information ***

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
PEG-8	25322-68-3	Yes	DSL	Not regulated as a polymer
Laureth-10	68213-23-0	Yes	DSL	No
Sodium Hydrosulfite	7775-14-6	Yes	DSL	EINECS
PEG-2 Rapeseed Aminopropylamine	25307-17-9	Yes	DSL	EINECS
Juglans Regia	84012-43-1	No	No	EINECS
Silica	112945-52-5	No	DSL	No
Propylene Glycol	57-55-6	Yes	DSL	EINECS
Tetrasodium EDTA	64-02-8	Yes	DSL	EINECS
CI 77891	13463-67-7	Yes	DSL	EINECS
C12-16 Alkyl Hydroxyethyl Ethylcellulose	9032-42-2	Yes	DSL	Not regulated as a polymer
Sodium Phosphate	7558-80-7	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

MSDS History

This is a revised MSDS for Australia

Key/Legend

BOD: Biological oxygen demand

COD: Chemical oxygen demand

Formula reference date: April, 2004

Contact: Customer Service Manager

Contact Phone: (07) 3374 4544

This is the end of MSDS ID: SK-160-AS