

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product name:	Rockbond Latex Concentrate
Recommended use:	Used as a concrete bonding agent and concrete improver
Company details:	Rockbond SCP Ltd
Address:	7 Te Puni Street, Petone, Lower Hutt, Wellington, New Zealand 5012
Telephone Number:	0800 76 25 26
Emergency telephone number:	0800 76 25 26 (Hours of Operation 7.30am to 5pm Monday - Friday)
Date of preparation:	January 2024

Section 2: Hazards Identification

Hazard classification:	This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001. This material is not classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.
Skin corrosion/irritation	Category 3 (HSNO - 6.3B)
Signal word :	Warning
Hazard statements :	H316 - Causes mild skin irritation
If skin irritation occurs:	Get medical advice/attention
Prevention :	Wash thoroughly after handling.
Response :	Call a POISONS INFORMATION CENTRE or doctor if you feel unwell
Disposal :	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification:	None known.
Substance/Mixture:	Mixture.
CAS number/other identifiers	
CAS number:	Not applicable.
EC number:	Mixture.
Product Code:	7.15

Section 3: Composition/information on ingredients

Ingredient Name	%	CAS Number
Nonylphenol ethoxylate	1-2.5	9016-45-9
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.		

Section 4: First-aid measures
Description of necessary first-aid measures

Inhalation: Remove to fresh air. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Ingestion: Clean mouth with water and drink afterwards plenty of water. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If easy to do, remove contact lenses.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged contact may cause redness and irritation.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: Fire-fighting measures

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Do not use water Jetstream

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures:**

Ensure adequate ventilation, especially in confined areas.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Precautions to prevent secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: Handling and storage

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing.

Incompatible materials None known based on information supplied.

Section 8: Exposure controls/personal protection

Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits

Not applicable

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Skin and body protection

Suitable protective clothing.

Respiratory protection

Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state liquid

Appearance Opaque

Colour white

Odour sweet

Odour threshold No information available

Explosive properties No information available

Oxidising properties No information available

Other Information

VOC Content (%) No information available

Property Values Remarks • Method

pH No information available

Melting point / freezing point No information available

Boiling point/boiling range 100 °C Approximately

Flash point No information available Not applicable

Evaporation rate < 1

Flammability (solid, gas) No information available

Flammability Limit in Air

Upper flammability limit: No information available

Lower flammability limit: No information available

Vapour pressure 23.23 hPa, 20°C

Vapour density > 1

Relative density 1.01

Relative density	1.01
Water solubility	Miscible
Solubility(ies) -	No information available
Partition coefficient	No information available
Auto-ignition temperature	Not applicable
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidising properties	No information available
Other Information	
VOC Content (%)	No information available.
Density	No information available
* This information may be derived from the components in the preparation.	

Section 10: Stability and reactivity

Reactivity	No Data Available	
Chemical stability	Stable under normal conditions.	
Explosion data	Sensitivity to Mechanical Impact	None.
	Sensitivity to Static Discharge	None.
Possibility of Hazardous Reactions	None under normal processing.	
Conditions to avoid		
Incompatible materials	No information available.	
Hazardous Decomposition Products	None under normal use conditions.	

Section 11: Toxicological information

Acute toxicity	
Information on likely routes of exposure	
Product Information.	
Skin contact	Specific test data for the substance or mixture is not available. Causes mild skin irritation.
Numerical measures of toxicity - Product Information	
The following values are calculated based on chapter 3.1 of the GHS document	
Converted acute toxicity point estimates may have been used when only acute toxicity hazard classification is available.	

ATEmix (oral)		91,853.00	
0% of the mixture consists of ingredient(s) of unknown toxicity			
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity			
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity			
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)			
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)			
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)			
Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
nonylphenol ethoxylate	= 2590 mg/kg (Rat) = 1310 mg/kg (Rat)	= 1780 µL/kg (Rabbit) = 2 mL/kg (Rabbit)	
Delayed and immediate effects as well as chronic effects from short and long-term exposure			
Skin corrosion/irritation	No information available.		
Serious eye damage/eye irritation	No information available.		
Sensitisation	No information available.		
Germ cell mutagenicity	No information available.		
Carcinogenicity	No information available.		
Reproductive toxicity	No information available.		
STOT - single exposure	No information available.		
STOT - repeated exposure	No information available.		
Aspiration hazard	No information available.		

Section 12: Ecological information

Ecotoxicity:	No known significant effects or critical hazards.
Aquatic and terrestrial toxicity:	Not available.
Persistence/degradability:	Not available.
Bioaccumulative potential:	Not available.
<u>Mobility in soil</u>	
Soil/water partition	
Coefficient (Koc):	Not available.
Other adverse effects:	No known significant effects or critical hazards.
Endocrine Disruptor Information .	

Chemical Name	EU - Endocrine Disruptors	EU - Endocrine Disruptors
nonylphenol ethoxylate	Group III Chemical	

Section 13: Disposal considerations

Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations. Since empty containers retain product residue, follow label warnings even after container is emptied.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations. Observe all label precautions until container is cleaned, reconditioned or destroyed. Refer to all federal, state and local regulations prior to disposal of container and unused contents by re-use, recycle or disposal.

Section 14: Transport information

Road transport **Not regulated**

IMDG **Not regulated**

Transport in Bulk According to Annex II of MARPOL and the IBC CODE
No information available

IATA **Not regulated**

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

New Zealand

Regulatory information

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. See section 8 for national exposure control parameters.

EPA New Zealand HSNO approval code or group standard HSR002670

Group Standard: Surface coatings and colourants (Subsidiary hazard) Group Standard 2006.

International Inventories

AICS - Australian Inventory of Chemical Substances Listed or exempt

DSL - Canadian Domestic Substances List Listed or exempt

IECSC - China Inventory of Existing Chemical Substances No information available

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances	Listed or exempt
KECL - Korean Existing and Evaluated Chemical Substances	Listed or exempt
NZIoC - New Zealand Inventory of Chemicals	Listed or exempt
PICCS - Philippines Inventory of Chemicals and Chemical Substances	Listed or exempt
CICR - Turkey Chemical Inventory Control Regulation	No information available
NCSR - Taiwan National Chemical Substance Registry	No information available
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory	Listed or exempt
International Regulations	
Ozone-depleting substances (ODS)	Not applicable
Persistent Organic Pollutants	Not applicable
Export Notification requirements	Not applicable

Section 16: Other information

History

Date of printing:	12.01.2024
Date of issue/Date of revision:	12.01.2024
Date of previous issue:	January 2022
Version:	5

Key to abbreviations:	ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail UN = United Nations
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Notice to reader

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

CONTACT DETAILS

T +64 4 568 5401 | F +64 4 568 4580

