

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product name:	Rockbond CF Accelerator (RB6.11)
Recommended use:	As accelerating additive for concrete
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:	August 2022

Section 2: Hazards Identification

Hazard classification:	Not available This material is not classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.
Signal word:	Warning
Hazard statements:	May causes eye irritation. May cause dermatitis. Do not ingest.
Precautionary statements	
Prevention:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces.
Response:	IF exposed or concerned: Get medical advice/attention.
Storage:	Store locked up. Store in a well-ventilated place. Keep cool.
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.

Section 3: Composition/information on ingredients

Substance/Mixture: Mixture.

CAS number/other identifiers

CAS number: Not applicable.

EC number: Mixture.

Product Code: RB 6.11

Hazardous components	CAS No	Concentration (%)
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Triethanolamine	102-71-6	>2%
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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: Move to fresh air. Consult a physician after significant exposure

Ingestion: Clean mouth with water and drink afterwards plenty of water. Induce vomiting immediately and call a physician. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Section 4: First-aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No specific data.

Ingestion: No specific data.

Skin: No specific data.

Eyes: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Specific treatments: Not available.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5: Fire-fighting measures

Extinguishing media

Suitable: Not Flammable, Use extinguishing methods appropriate to surrounding combustible material

Specific hazards arising from the chemical: Not flammable

Hazchem code: Not available.

Section 5: Fire-fighting measures

Special precautions for fire-fighters: Not Flammable. Treat as chemical fire. Try and stop chemical entering drains

Special protective equipment for fire-fighters: Not Flammable. Treat as a chemical fire. Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Deny access to unprotected persons.

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

Precautions for safe handling:
Conditions of safe storage, including any incompatibilities: Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection :

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection :

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection :

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and body protection :

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Section 9: Physical and chemical properties

Appearance/Colour:	Light bluey green liquid
Odour:	Pleasant
Odour Threshold:	No data available
pH:	No data available
Melting point/range / Freezing Point:	No data available
Boiling point/boiling range:	No data available
Flash point:	Not applicable
Evaporation rate:	No data available
Flammability:	No data available
Vapour pressure:	No data available
Relative vapour density:	No data available
Density:	1.09 g/cm ³ (20 °C (68 °F) ())
Water solubility:	soluble
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Molecular weight:	No data available

Section 10: Stability and reactivity

Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

Information on the likely routes of exposure

Inhalation:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Eye contact:	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No specific data.
Ingestion:	No specific data.
Skin contact:	No specific data.
Eye contact:	No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity:	Not available.
Irritation/Corrosion:	Not available.
Sensitisation:	Not available.

Potential chronic health effects

General:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Eye contact:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.

Section 11: Toxicological information

Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Chronic toxicity:	Not available.
Carcinogenicity:	Not available.
Mutagenicity:	Not available.
Teratogenicity:	Not available.
Reproductive toxicity:	Not available.
Specific target organ toxicity:	Not available.
Aspiration hazard:	Not available.
<u>Numerical measures of toxicity</u>	
Acute toxicity estimates:	Not 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.

Section 13: Disposal considerations

Disposal methods:	Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14: Transport information

International Regulations

IATA-DGR

Not dangerous goods

IMDG-Code

Not dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

NZS 5433

Not dangerous goods

Section 15: Regulatory information

New Zealand Inventory of Chemicals (NZIoC):

All Components are listed or exempted.

HSNO Approval Number:

Not Available

HSNO Group Standard:

Surface Coatings and Colourants (Combustible, Toxic [6.7]) Group Standard 2006

HSNO Classification:

Not Classified

Australia Inventory (AICS):

All components are listed or exempted.

Safety, health and Environmental regulations specific for the product:

No known specific national and/or regional regulations applicable to this product (including its ingredients).

Section 16: Other information

History

Date of issue/Date of revision: August 2022

Date of previous issue: January 2019

Version: 4

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

References:

Not available.

CONTACT DETAILS

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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.