SAFETY DATA SHEET

BOSTIK ULTRA LEVEL RAMP C920
Revision Number 2.01

Revision date 05-Sep-2022
Supersedes Date: 18-Apr-2021

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name BOSTIK ULTRA LEVEL RAMP C920

Product Code(s)
30612791
30612791

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Building and construction work

Uses advised against No information available

Details of manufacturer or importer

Supplier
Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

Manufacturer
Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

Serious eye damage/eye irritation	Category 1 - (H318)
Carcinogenicity	Category 1A - (H350)

Label elements

Health hazard
Corrosion

Signal word
DANGER

Hazard statements
H318 - Causes serious eye damage
H350 - May cause cancer

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/clothing and eye/face protection
Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a doctor
Precautionary Statements - Storage
Store locked up
Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification
When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.
Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.
Product dust may be irritating to eyes, skin and respiratory system.
Repeated exposure may cause skin dryness or cracking.
Causes mild skin irritation.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

Poison Schedule Number Not applicable

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable

Mixture

Chemical name	CAS No	Weight-%
Quartz	14808-60-7	30 - 60%
Cement, alumina, chemicals	65997-16-2	10 - <30
Limestone	1317-65-3	0 - <10
Calcium sulfate hemihydrate	10034-76-1	0 - <10
Cement, portland, chemicals (Chromium VI reduced)	65997-15-1	0 - <10
Powder copolymer based on styrene acrylate esters	--	0 - <10
Carbonic acid, calcium salt (1:1)	471-34-1	0 - <10
Sepiolite (Mg2H2(SiO3)3.xH2O)	63800-37-3	0 - <10
Holcim ingredients determined to be non-hazardous	--	0 - <10

Slags, ferrous metal, blast furnace	65996-69-2	0 - <10
Ashes, residues	68131-74-8	0 - <10
Gypsum (Ca(SO4).2H2O)	13397-24-5	0 - <10
Calcium oxide	1305-78-8	0 - <10
Magnesium oxide (MgO)	1309-48-4	0 - <10
(+)-Tartaric acid	87-69-4	0 - <10
Sodium gluconate	527-07-1	0 - <10
Lithium carbonate	554-13-2	0 - <10
BASF_polymer based on: melamine resin, sulfonated, polycondensate	--	0 - <10
Magnesite	13717-00-5	0 - <10
Quartz (fine fraction)	14808-60-7	0 - <10
Formaldehyde	50-00-0	0 - <10
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

Description of first aid measures

General advice If medical advice is needed, have product container or label at hand.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact Do not rub affected area. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.

Skin contact Brush off loose particles from skin. Remove material from skin immediately. Take off contaminated clothing and wash before reuse.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation. Prolonged contact may cause redness and irritation. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

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

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.

Hazardous combustion products Carbon oxides. Sulfur oxides.

Special protective actions for fire-fighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid generation of dust. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up

Methods for containment Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Prevent dust cloud.

Methods for cleaning up Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Avoid generation of dust. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Take off contaminated clothing and wash before reuse.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Acids. Aluminum.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia
Quartz 14808-60-7	TWA: 0.05 mg/m³
Cement, portland, chemicals (Chromium VI reduced) 65997-15-1	TWA: 10 mg/m³
Carbonic acid, calcium salt (1:1) 471-34-1	TWA: 10 mg/m³
Calcium oxide 1305-78-8	TWA: 2 mg/m³
Magnesium oxide (MgO) 1309-48-4	TWA: 10 mg/m³
Quartz (fine fraction) 14808-60-7	TWA: 0.05 mg/m³
Formaldehyde 50-00-0	TWA: 1 ppm TWA: 1.2 mg/m³ STEL: 2 ppm STEL: 2.5 mg/m³

OEL as published by Safe Work Australia

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing.

Hand protection Wear suitable gloves.

Respiratory protection Wear a respirator conforming to EN 140 with Type P2/P3 filter or better.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	Gray
Odor	Odorless
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	No data available	
pH (as aqueous solution)	No data available	
Melting point / freezing point	Not applicable . °C	
Initial boiling point and boiling range	Not applicable . °C	

Flash point	Not applicable . °C
Evaporation rate	Not applicable .
Flammability	No data available
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	No data available
Water solubility	No data available Cement based products react and solidify in contact with water
Solubility(ies)	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	Not applicable .
Dynamic viscosity	Not applicable .
Explosive properties	No information available
Oxidizing properties	No information available

Other information

Softening Point	Not relevant
Solid content (%)	No information available
Density	No information available
Bulk density	2.06
VOC content	No information available

Section 10: Stability and reactivity

Reactivity

Reactivity Product cures with moisture.

Chemical stability

Stability Keep away from Incompatible materials. Stable under recommended storage conditions.

Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid Product cures with moisture.

Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Acids. Aluminum.

Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). May emit toxic fumes under fire conditions.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Causes mild skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms	Redness. Burning. May cause blindness. Prolonged contact may cause redness and irritation.

Numerical measures of toxicity - Product Information

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	>2000 mg/kg (Rattus)	-	-
Cement, alumina, chemicals	LD50 >2000 mg/Kg Rat	LD50 >2000 mg/Kg Rattus	-
Limestone	>5000 mg/kg (Rattus)	-	-
Cement, portland, chemicals (Chromium VI reduced)	-	>2000 Kg/mg (Lapin)	>5 g/m³ (Rattus)
Carbonic acid, calcium salt (1:1)	LD50 > 2000 mg/kg (Rattus) OECD 420	LD50 >2000 mg/kg (Rattus) OECD 402	LC50 (4h) >3mg/ml (Rattus)
Slags, ferrous metal, blast furnace	LD50 >2000 mg/Kg	>4000 mg/Kg (Rattus) (OECD 402)	>5235 mg/m³ Dust (OECD 403)
Ashes, residues	>2000 mg/kg (Rattus)	-	-
Calcium oxide	>2000 mg/kg (Rattus)	LD50 > 2500 mg/kg (Oryctolagus cuniculus)	> 6.04 mg/L (Rat) 4 h
Magnesium oxide (MgO)	3800 mg/kg (Rattus)	-	-
(+)-Tartaric acid	LD50 >=2000<=5000 mg/kg (Rattus)	LD50 >2000 mg/kg (Rattus)	-
Sodium gluconate	DL50 6060 mg/kg (Rattus)	DL50 >2000 mg/kg (Rattus)	-
Lithium carbonate	=525 mg/kg (Rattus)	LD50 > 3000 mg/kg (Oryctolagus cuniculus) OECD 402 LD 0 > 2000 mg/kg (Oryctolagus cuniculus) OECD 402	>5 mg/L (Rattus) 4 h OECD 403
Quartz (fine fraction)	>2000 mg/kg (Rattus)	-	-
Formaldehyde	=100 mg/kg (Rattus)	= 270 mg/kg (Oryctolagus cuniculus)	< 463 ppm (Rat) 4 h

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Quartz 14808-60-7	Carc. 1A		Group 1
Sepiolite (Mg2H2(SiO3)3.xH2O) 63800-37-3			Group 3
Ashes, residues 68131-74-8			Group 1
Quartz (fine fraction) 14808-60-7	Carc. 1A		Group 1
Formaldehyde 50-00-0	Carc. 1B	Carc. 1B	Group 1

Legend
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans

Reproductive toxicity No information available.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard No information available.

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Cement, alumina, chemicals 65997-16-2	EC50 (72h)Algae (Pseudokirchneriella subcapitata) >5.6mg/L	LC50 (96h) (Onchorhyncus mykiss) >100 mg/L (OECD 203)	-	EC50 (48h) Daphnia magna =6.6mg/L (OECD 202)
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmondesmus subspicatus)	CL50 (96h)>10000mg/L (Oncorhynchus mykiss)	-	CE50 (48h) >1000 mg/L Daphnia Magna
Carbonic acid, calcium salt (1:1)	IC50 72H Algae >1000 mg/l	CL50 96H >1000 mg/l	-	EC50 48H Daphnia >1000 mg/l

471-34-1				
Sepiolite (Mg2H2(SiO3)3.xH2O) 63800-37-3	-	LC50: =1254.44mg/L (96h, Salmo gairdneri)	-	-
Ashes, residues 68131-74-8	-	-	-	EC50: 140 - 2000mg/L (24h, Daphnia magna)
Calcium oxide 1305-78-8	EC50 (Pseudokirchneriella subcapitata (green algae)): 106,02 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes	LC50 96 h = 50.6 mg/L (Oncorhynchus mykiss)	EC50 (Bacteria): 229,2 mg/l Exposure time: 3 h Test Type: static test Method: OECD Test Guideline 209 GLP: yes	EC50 (48h) = 49.1 mg/l(Daphnia magna) OECD 202
Magnesium oxide (MgO) 1309-48-4	-	-	-	48H 190mg/L Daphnia Magna
(+)-Tartaric acid 87-69-4	-	LC50 (96h) >100 mg/L (Brachydanio rerio) Static	-	-
Sodium gluconate 527-07-1	EC0(72h) <=100mg/L Algae (Desmodesmus subspicatus) Static	CL50 (96h) >100 mg/L (Oryzias latipes) semi-stitic	-	CL50 (48h) >1000 mg/L Daphnia (Daphnia magna) Static
Lithium carbonate 554-13-2	EC50 (72h) >400 mg/L Algae (Desmodesmus subspicatus) OECD 201	LC50 (96h) =30.3 mg/L (Oncorhynchus mykiss) OECD 203	-	EC50 (48h) =33.2 mg/L (Daphnia magna) OECD 202
Formaldehyde 50-00-0	-	LC50: =41mg/L (96h, Brachydanio rerio) LC50: =1510?g/L (96h, Lepomis macrochirus) LC50: 0.032 - 0.226mL/L (96h, Oncorhynchus mykiss) LC50: 100 - 136mg/L (96h, Oncorhynchus mykiss) LC50: 22.6 - 25.7mg/L (96h, Pimephales promelas) LC50: 23.2 - 29.7mg/L (96h	-	LC50: =2mg/L (48h, Daphnia magna) EC50: 11.3 - 18mg/L (48h, Daphnia magna)

Persistence and degradability

Persistence and degradability No information available.

Component Information			
Quartz (14808-60-7)			
Lithium carbonate (554-13-2)			
Method	**Exposure time**	**Value**	**Results**
			The methods for determining biodegradability are not applicable to inorganic substances

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
Limestone	0.9

1317-65-3	
(+)-Tartaric acid 87-69-4	-1.91
Formaldehyde 50-00-0	0.35

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

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

National regulations

Australia
See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated
Poison Schedule Number Not applicable

Chemical name	Threshold quantity (T)
Formaldehyde 50-00-0	50 tonne TQ >90%

National pollutant inventory
Subject to reporting requirement

Chemical name	National pollutant inventory
Ashes, residues	10 tonne/yr Threshold category 1

68131-74-8	2000 tonne/yr Threshold category 2b 60000 MWH Threshold category 2b 20 MW Threshold category 2b
Magnesium oxide (MgO) 1309-48-4	10 tonne/yr Threshold category 1 fume 2000 tonne/yr Threshold category 2b fume 60000 MWH Threshold category 2b fume 20 MW Threshold category 2b fume
Formaldehyde 50-00-0	10 tonne/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

International Inventories

AIIC	Listed
NZIoC	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed

Legend:
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Europe

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorization:
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

2015/863/EU - RoHS
This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 05-Sep-2022

Revision Note
SDS sections updated. 2. 3. 11.

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Section 11: TOXICOLOGICAL INFORMATION
LD50 (lethal dose)
Section 12: Ecological information
EC50 (effective concentration)

Disclaimer
The information provided in this 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 a 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

End of Safety Data Sheet