MATERIAL SAFETY DATASHEET
BERRAKURE X-POSE

Revision Date 18.10.2023 (V1.2)

1. IDENTIFICATION

Product Name: BERRAKURE X-POSE

Company Details:
BERRA Construction Products
(ABN 87 008 503 946)
PO BOX 494 FYSHWICK
ACT, 2609 AUSTRALIA
Telephone: +612 5105 1426
Emergency Telephone: 131 126

Recommended Use: Concrete surface retarder compound for concrete, construction chemical

2. HAZARD IDENTIFICATION

This product is not expected to pose a health risk if handled in accordance with the health and safety advice provided in this Material Safety Data Sheet.

Non hazardous substance, non dangerous good.

3. CHEMICAL COMPOSITION

Chemical Entity:
Blend based on: Mixture of non hazardous components
Hazardous Components: No hazardous components

4. FIRST AID MEASURES

General advice:
First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:
If difficulties occur after vapour has been inhaled, remove to fresh air and seek medical attention.

On skin contact:
After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic soap be used. If irritation develops, seek medical attention.

On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control centre or doctor.

Note to physician:
Symptoms: No significant symptoms are expected due to the non-classification of the product.
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE FIGHTING MEASURES

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

Hazardous combustion products:
No hazardous combustion products are known.

Specific hazards:
Standard procedure for chemical fires.

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information: The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Sealed containers should be protected against heat as this result in pressure build-up. Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:
Contain contaminated water/fire fighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up: For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed. For large amounts: Pump off product.

7. HANDLING AND STORAGE

Handling:
Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly. Protection against fire and explosion: No special precautions necessary.

Storage:
Suitable materials for containers. High density polyethylene (HDPE) Further information on storage conditions: Keep only in original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing. Protect from direct sunlight.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters:
The substances without values are not listed in the occupational exposure regulations for the validity area of this Material Safety Data Sheet. No exposure standard allocated.

Personal protective equipment

Respiratory protection:
Wear respiratory protection if ventilation in inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:
Impermeable rubber gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:
Light protective clothing.

General safety and hygiene measures:
In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift skin should be cleaned and skin-care agents applied.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Green
Odour:	Sweet
pH Value:	7.0-7.5
Boiling Point:	>100ºC
Flash Point:	Non-Combustible
Flammability:	Non-Combustible
Lower Explosion Limit:	Not Applicable
Upper Explosion Limit:	Not Applicable
Explosion Hazard:	Not Explosive
Fire Promoting:	Not Fire Propagating
Vapour Pressure:	Not Applicable
Density:	1.02g/cm³ (20ºC)
Bulk Density:	Not Applicable

10. STABILITY & REACTIVITY

Conditions to avoid: See MSDS Section 7 - Handling and Storage

Substances to avoid: Strong acids, strong bases, strong oxidising agents.

Hazardous reactions: The product is stable if stored and handled as prescribed/indicated.

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation: Assessment of irritating effects, not irritating to eyes and skin. No irritation is expected under intended use and appropriate handling.

Sensitization: Assessment of sensitization, the product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity: Assessment of repeated dose toxicity, no reliable data was available concerning repeated dose toxicity.

Genetic toxicity: Assessment of mutagenicity - The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity: Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity: Assessment of reproduction toxicity, the chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Development toxicity: Assessment of teratogenicity, The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information: Based on our experience and the information available, no adverse health effect are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statement has been derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Assessment of aquatic toxicity: At the present state of knowledge, no negative ecological affected are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility: Assessment transport between environmental compartments: No data available.

Persistence and Degradability: Assessment biodegradation and elimination (H2O): Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

Bioaccumulation Potential: No data available concerning bioaccumulation. Discharge into the environment must be avoided.

Additional Information: Other ecotoxicological advice: There is a high probability that the product is not acutely harmful to aquatic organisms. Do not discharge product into the environment without control. The product has not been tested. The statement has been derived from the properties of the individual components.

13. DISPOSAL CONSIDERATIONS

Observe national and local legal regulations
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:
Contaminated packaging should be emptied as fast as possible; then it can be passed on for recycling after thoroughly cleaned.

14. TRANSPORT INFORMATION

Domestic transport: Not classified as a dangerous good under transport regulations
Sea transport: Not classified as a dangerous good under transport regulations IMDG
Air transport: Not classified as a dangerous good under transport regulations IATA/ICAO

15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled

Regulations of the European Union (Labelling)

Directive 199/45/EC-20 ('Preparation Directive'): This product does not require a hazard warning label in accordance with EC-20 Directives. Labelling on the basis of data obtained from the manufacturer/supplier.

Other regulations:
If other regulations information applied that is not already provided elsewhere in the Material Safety Data Sheet then it is described in this subsection.

Registration status:
AICS, AU released/relisted

16. OTHER INFORMATION

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the Safety Data Sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Data sheets are updated regularly. Please ensure you have a current copy.