

# MATERIAL SAFETY DATASHEET

# BERRA AC600N

Revision Date 18.10.2023 (V1.3)

**BERRA**  
CONSTRUCTION PRODUCTS

## 1. IDENTIFICATION

Product Name: BERRA AC600N

### 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: Used as a raw material binder in an industrial setting as a raw material for adhesive and coating products.

## 2. HAZARD IDENTIFICATION

### Classification of this product:

Not a hazardous substance or mixture according to GHS criteria.

### Labelling elements:

No labelling required according to GHS criteria.

### Other Hazards:

No specific dangers known or expected during the ordinary course of use. Skin contact irritation possible but not expected. Use with local exhaust ventilation and full PPE such as gloves, eye/face protection.

## 3. CHEMICAL COMPOSITION

### Substances:

This product does not contain any components in amounts that would be classified as hazardous under Australian Regulations.

### MAIN INGREDIENTS

Acrylic Polymers:	28% Approx
Water:	72% Approx

### SELECTED MINOR INGREDIENTS

Ammonia Solutions	<0.05%
Biocide CIT/MIT	<15ppm
APEO Surfactants	<0.5%
Monoethanolamine (MEA)	<0.05%

## 4. FIRST-AID MEASURES

### General Information:

Remove any contaminated clothing.

### After inhalation:

Provide fresh air. Assisted breathing required if ammonia fumes or MEA fumes have had any adverse effect. (This scenario is unlikely).

### After contact with skin:

Wash with water and soap. Seek medical attention if irritation develops.

### After contact with eyes:

Rinse with plenty of water. Seek medical advice in case of continuous irritation. Rinse for at least 15 minutes.

### After swallowing:

Swallowing is not usual through normal use and exposure. If conscious, give several small portions of water to drink and to rinse mouth. Do not induce vomiting. Seek immediate medical advice.

### Most important symptoms and effects, both acute and delayed:

No significant symptoms are expected due to the nature of this product.

### Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. Product may agglutinate in the gastro-intestinal tract. Depending on symptoms and amount of ingestion, invasive measures may be necessary. Observation for up to 72 hours may be necessary.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media:

Water spray dry extinguishing media, foam, carbon dioxide.

### Special hazards arising from the substance or mixture:

No particular hazards.

**Advice for firefighters:**

Use respiratory protection with a self-contained breathing apparatus.

**Further information:**

Fire debris and contaminated extinguishing water must be disposed of according to local regulations.

Contact BERRA Construction Products for further information.

## 6. ACCIDENTAL RELEASE MEASURES

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

Wear appropriate PPE protection. Use personal protective clothing and ensure adequate ventilation and air circulation. Avoid contact with skin and eyes.

**Environmental precautions:**

Do not release untreated into natural waterways. Cover any spilled material to prevent slip hazard and dispose of according to local regulations.

For small amounts, use a suitable absorbent material (sand saw dust or inert absorbent powder) and dispose absorbent material with local regulations. Spills should be immediately contained due to the risk of slip hazard.

## 7. HANDLING AND STORAGE

**Precaution for safe handling:**

Handle in accordance with good industrial hygiene and safety practice. Avoid spilling and use adequate ventilation.

**Protection against fire and explosion:**

No special precautions necessary with this product.

**Conditions of safe storage, including any incompatibilities:**

Keep container tightly closed and protect from extreme weather (freezing and heat) to maintain product homogeneity.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure in the workplace limited and controlled.

**Respiratory protection:**

Generally, only required if ventilation is not adequate.

**Hand Protection:**

Chemical resistant protective gloves (example EN 374).

**Eye Protection:**

Safety glasses with side-shields (frame goggles) (example EN 166).

**Exposure to the environment limited and controlled:**

Prevent material entering natural waterways and soils.

**Further information for system design and engineering measures:**

Provide exhaust ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White
Odour:	Faint Odour
pH Value:	6.5-9.5
Auto-ignition temperature:	>300°C
Solubility in water:	Dispersible
Thermal decomposition:	>250°C

## 10. STABILITY & REACTIVITY

**Reactivity:**

No hazardous reactions when handled as prescribed in normal industrial situations. Material is not immediately corrosive to metals and the oxidizing properties are not fire propagating.

**Chemical stability:**

This product is stable when stored and handled as prescribed in this Safety Data Sheet.

**Hazardous decomposition products:**

Thermal decomposition will not occur if used correctly. Carbon dioxide, carbon monoxide hydrocarbon by-products and nitrogen oxides may occur in case of fire.

## 11. TOXICOLOGICAL INFORMATION

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

### **Acute toxicity:**

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, acute toxic effects are not expected after a single oral exposure.

### **Skin corrosion/irritation:**

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a clinically relevant skin irritation hazard is not expected.

This product contains a mixture of CIT/MIT (5chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4isothiazolinone) in a less than 3:1 ratio (at levels below the mandatory labelling requirements) and may in very rare cases produce an allergic reaction, however, due to the low levels, sensitization is not expected to occur.

### **Bulk Density:**

(For similar dried products) approx. 1000 grams/litre.

### **Serious eye damage/ eye irritation:**

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a clinically relevant eye irritation hazard is not expected.

### **Respiratory or skin sensitization:**

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a sensitization reaction is not expected from this product.

### **Germ cell mutagenicity:**

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a significant mutagenic potential may be excluded.

### **Carcinogenicity:**

No toxicological test data is available for the whole product, however, none of the residual components in this product at concentrations greater than 0.1% is listed or classified by IARC (International Agency for Research on Cancer) as a carcinogen at the time of this revision.

### **Reproductive toxicity:**

No toxicological test data available for the whole product.

### **Specific target organ toxicity (single exposure):**

No toxicological test data available for the whole product.

### **Specific target organ toxicity (repeated exposure):**

No toxicological test data available for the whole product.

### **Aspiration hazard:**

No aspiration exposure expected based on the physiochemical nature of the product and based on the available information and data at time of this revision.

### **Further toxicological information:**

No health effects expected if handled as recommended with suitable precautions based on past experience of manufacture and use.

## 12. ECOLOGICAL INFORMATION

### **Toxicity:**

No expected damaging effects to aquatic organisms expected based on the physiochemical nature and raw materials of this product.

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

**Persistence and degradability:**

Assessment: The product can be virtually eliminated from water by abiotic processes (e.g.) adsorption onto activated sludge. The product is not readily biodegradable.

**Bioaccumulative potential:**

No adverse effects expected.

**Mobility in soil:**

No adverse effects expected.

**Other adverse effects:**

No adverse effects expected.

**Additional Information:**

Do not release untreated product into natural waters. The local regulations on wastewater treatment must be followed.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment methods:**

Product must be dumped or incinerated in accordance with local regulations.  
Wet sludge must be treated in appropriate waste water treatment plants according to local regulations.

Empty containers of the dried product may be disposed to landfill, incinerated, or where applicable recycled.

Observe national and local legal requirements.

## 14. TRANSPORT INFORMATION

**Road ADR:** Not regulated for transport

**Railway RID:** Not regulated for transport

**IMDG Sea code:** Not regulated for transport

**Air transport:** Not regulated for transport

**Environmental hazards:**

Not classified as hazardous under transport regulations.

**Special precautions:**

Listed in other relevant sections in this SDS.

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/ legislation specific for this substance or mixture:**

National and local regulations must be observed.

## 16. OTHER INFORMATION

**Material:**

The information contained herein is based on the present state of our knowledge and does not guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

**Further information:**

This SDS supersedes all others.