



CONCORD SEALERS

Multicure AC90

Safety Data Sheet

Previous Revision Date: February 2018

Revision Date: 19/02/2023

Next Revision Date: 18/02/2028

1. IDENTIFICATION

Product Identifier used on Label:

Multicure AC90

Recommended Use of product:

Curing agent for newly laid / poured concrete.

Details of Supplier of the Safety Data Sheet:

Company: Concord Sealers
60 Centenary Place
Logan Village, 4207 Queensland,
Australia
Tel: +61 755 4700 52
Email: info@concordcoatings.com.au

Emergency Contact Details:

During working hours AEST

Phone +61 755 4700 52

Contact your local hospital emergency department outside standard working hours.

Other means of identification:

None.

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. COMPOSITION / INFORMATION ON INGREDIENTS.

Substances:

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

Acrylic Dispersion:

MAIN INGREDIENTS

PRODUCT	AMOUNT
Acrylic Polymer	45%approx
Other Additives	55%approx

SELECTED MINOR INGREDIENTS

PRODUCT	AMOUNT
Ammonia solution	<0.1%
Biocide CIT/MIT	<15ppm
APEO containing surfactant	<2%
Ammonia	<1%

4. FIRST AID MEASURES

Description of first aid measures:

General Information:

Remove any contaminated clothing.

After inhalation:

Provide fresh air. Assisted breathing required if ammonia 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.



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regulations. Spills should be immediately contained due to the risk of slip hazard.

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. FIREFIGHTING 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 Acquos 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.

Methods and material for containment and cleaning up:

For small amounts, use a suitable absorbent material (sand saw dust or inert absorbent powder) and dispose absorbent material with local

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 / 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 liquid
Odour:	Ammonical odour.
pH value:	7.5-9.5

Auto-ignition temperature > 300°C
(For similar dried products)

Bulk Density: approx. 1000
grams/litre

Solubility in water: dispersible

Thermal decomposition >250°C
(For similar products)

10. STABILITY AND 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.

Route of exposure	Oral
Result/Effect	LD50:>2000mg/Kg
Species/Test System	rat
Source	Conclusion by analogy OECD 423

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 (5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolinone) in a 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.

Route of exposure	Dermal
Result/Effect	not irritating
Species/Test System	rabbit
Source	Conclusion by analogy OECD 404

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.

Route of exposure	Eye
Result/Effect	not irritating
Species/Test System	rabbit
Source	Conclusion by analogy OECD 405

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.

Route of exposure	dermal
Result/Effect	not sensitizing
Species/Test System	mouse LLNA
Source	Conclusion by analogy OECD 429

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.

Result/Effect	negative
Species/Test System	mutation assay (in vitro) bacterial cells.
Source	Conclusion by analogy OECD 471



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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. Small levels of APEO based surfactants in this product may have to be taken into account in certain disposal situations.

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. absorption onto activated sludge. The product is not readily biodegradable.

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Bio accumulative 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 waste-water 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

UN number; UN proper shipping name; Transport hazard class; Packing group:

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.



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15. REGULATORY INFORMATION

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

National and local regulations must be observed

Details of international registration status:

Australia	AICS (listed)
Japan	ENCS (listed/complies)
USA	TSCA (listed/complies)
Canada	DSL (listed/complies)

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.