

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERSEAL 333**

Other name: None allocated

Recommended use: Dust arresting treatment for concrete or masonry surfaces.

Supplier: BASF Construction Chemicals Australia Pty Ltd. ABN 46 000 450 288
BASF New Zealand Ltd.

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Telephone number: +61 2 8811 4200 +64 9 414 7233

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2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: Xn - Harmful

HSNO Classification 6.1D Acutely toxic (oral)

Risk phrase(s): R22 Harmful if swallowed.

Safety phrase(s): S24/25 Avoid contact with eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Alkaline inorganic salts	Proprietary	30 – 60%
Non-hazardous ingredients		to 100%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical.

Hazards from combustion products: Not known.

Precautions and equipment for fire fighters: Full protective clothing as per personal protection, section 8.

Hazchem code: None allocated

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Avoid accident, clean up immediately. Hot water is more effective. Small spills should be diluted with excess water before solidification occurs. Major spills should be contained by absorbing with dry, inert filler (soil, sand or vermiculite) and shovel into special labelled containers (mild steel). Residual liquid should be flushed with excess water.

Environmental precautions: Do not discharge into sewers unless connected to a wastewater treatment plant.

7. HANDLING AND STORAGE

Precautions for safe handling: No special precautions.

Conditions for safe storage: Keep containers tightly closed; store under cool dry conditions. Store at 5°C to 35°C. Store under cover and away from frost and moisture. Store away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation is recommended under normal use conditions. Keep containers closed when not in use.

Exposure Standards: None established for this product.

Personal Protective Equipment (PPE):

Respiratory protection: Class P1 if sprayed or ventilation inadequate.

Glove type (AS2161): Nitrile rubber or PVC gauntlets.

Eye protection: Chemical goggles or safety glasses with side shields.

Clothing: General protective clothing such as overalls or long pants and a long sleeve shirt or a chemical apron. Remove contaminated clothing as soon as possible. Launder thoroughly before reusing. For large spills or ponded areas impervious footwear is preferred.

Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to slight haze, low viscosity liquid

Odour: Odourless

pH: > 11

Explosion Limit: Not applicable

Vapour pressure: Not available

Solubility in water: Miscible

Specific gravity: approx. 1.4 g/cm³

Melting point: Not applicable

Flash point: Not applicable

Boiling point: > 100°C

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Stable under normal storage and application temperature.
<u>Incompatible materials:</u>	Acids and foodstuffs. Metals – aluminium, copper, bronze, zinc and tin.
<u>Hazardous decomposition products:</u>	Not known.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	Not a carcinogen, mutagen or teratogen. Repeated and prolonged contact with skin and eyes needs to be avoided because of its strongly alkaline nature, which causes burns. Wash thoroughly after handling.
<u>Inhalation:</u>	May cause irritation to respiratory tract.
<u>Eyes:</u>	May cause eye irritation.
<u>Skin contact:</u>	May cause skin irritation.
<u>Ingestion:</u>	Harmful if swallowed. Its alkalinity nature may cause severe abdominal pain.
<u>Toxicity Data:</u>	Not available.

12. ECOLOGICAL INFORMATION

<u>Ecology:</u>	Do not discharge into sewers unless connected to a wastewater treatment plant. Degradability not determined.
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13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	Ensure containers are sealed. Dispose of material through a licensed waste contractor. Refer to Waste Management Authority.
<u>Special precautions (landfill/incineration):</u>	Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated
<u>UN proper shipping name:</u>	None allocated
<u>Dangerous goods class:</u>	None allocated
<u>Subsidiary risk:</u>	None allocated
<u>Packing group:</u>	None allocated
<u>Hazchem code:</u>	None allocated

15. REGULATORY INFORMATION

NICNAS / AICS:	All components are listed
Poisons Schedule:	Schedule 5
HSNO Classifications:	6.1D
ERMA Group Standard:	HSR002544
ERMA / NZIoC:	All components are listed
Tracking:	Not required



The Chemical Company

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003) and HSNO CoP 8-1 (September 2006)

Approved Handler: Not required

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.