

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** GLENIUM ACE 39

**Other Name:** None allocated

**Product Code:** 50114337.

**Recommended use:** Hyperplasticiser for precast concrete with good finishing characteristics.

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

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**2. HAZARDS IDENTIFICATION**

**Hazard Classification:** NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.  
Non Hazardous Substance according to the criteria of NOHSC  
Non Dangerous Goods for transport according to the ADG code.

**Risk phrase(s):** None

**Safety phrase(s):** None

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion</b>
Polycarboxylate solution	N/A	30 - 60%
Non hazardous ingredients		to 100%
All ingredients listed on AICS		

**4. FIRST AID MEASURES**

**Inhalation:** Not a normal route of injury. However, if inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention

**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:** Remove contaminated clothing. Wash contacted areas thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

**Ingestion:** Do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person.

**5. FIRE FIGHTING MEASURES**

<u>Suitable extinguishing media:</u>	Use extinguishing agent suitable for type of surrounding fire.
<u>Hazards from combustion products:</u>	Oxides of carbon and nitrogen from combustion of dried residues.
<u>Precautions and equipment for fire fighters:</u>	None known
<u>Hazchem code:</u>	None allocated

**6. ACCIDENTAL RELEASE MEASURES**

<u>Methods and materials for containment and clean up:</u>	Caution slippery when spilt. Stop leak if possible without risk. Spills should be contained by absorbing with dry inert filler (vermiculite, sand or soil), which can then be shovelled into appropriately labelled drums for disposal. Carefully dilute with water (fine spray or fog). Wash down area with excess water into a containment area or contain with inert filler for disposal. Spills in a contained area such as a bund can be removed by a commercial bulk liquid waste disposal organisation.
<u>Environmental precautions:</u>	Do not discharge into sewers or waterways.

**7. HANDLING AND STORAGE**

<u>Precautions for safe handling:</u>	Wear PPE as per Section 8.
<u>Conditions for safe storage:</u>	Store in a cool dry area at 5 to 35°C Store undercover and away from frost. Avoid strong oxidising agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Ventilation:</u>	Ventilation is generally not required
<u>Personal Protective Equipment (PPE):</u>	This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product.
<u>Respiratory protection:</u>	Not normally applicable. Avoid mists.
<u>Glove type (AS2161):</u>	Impervious gloves e.g. PVC or nitrile rubber gauntlets
<u>Eye protection:</u>	Chemical worker's goggles or safety glasses.
<u>Clothing:</u>	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.
<u>Other:</u>	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**

<u>Appearance:</u>	Dark amber to black liquid.
<u>Odour:</u>	Characteristic
<u>pH:</u>	5.5 – 7.5
<u>Boiling point (°C):</u>	> 100

<u>Freezing point (°C):</u>	< -2
<u>Solubility in water:</u>	Completely miscible
<u>Specific gravity:</u>	1.044 – 1.084
<u>Flash point (°C):</u>	Non-flammable
<u>Evaporation rate:</u>	Not available

**10. STABILITY AND REACTIVITY**

<u>Chemical stability:</u>	Stable. Not sensitive to mechanical impact.
<u>Incompatible materials:</u>	Strong mineral acids and oxidisers.
<u>Hazardous decomposition products:</u>	Oxides of carbon and nitrogen from combustion of dried residues.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

**11. TOXICOLOGICAL INFORMATION**Effects of Overexposure

<u>Inhalation:</u>	Not applicable.
<u>Eyes:</u>	May cause irritation.
<u>Skin contact:</u>	Repeated or prolonged skin contact may lead to irritation.
<u>Skin absorption:</u>	Does not absorb through skin.
<u>Ingestion:</u>	No adverse effects expected, however large amounts may cause nausea, diarrhoea and vomiting.
<u>Chronic:</u>	No comprehensive human studies have been conducted. Materials used in this product are not known carcinogens. There have been no reports in the literature of health effects in workers arising from long-term exposure to materials used in this product.

**12. ECOLOGICAL INFORMATION**

<u>Ecology:</u>	Do not discharge into sewers or waterways.
<u>Marine pollutant:</u>	Not listed

**13. DISPOSAL CONSIDERATIONS**

<u>Disposal method and containers:</u>	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.
<u>Precautions for clean up crew:</u>	As per Section 6 & 8, PPE. Slippery when spilt.
<u>Special precautions for landfill or incineration:</u>	None known.

**14. TRANSPORT INFORMATION**

<u>UN NNumber:</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>EPG Card:</u>	None allocated



The Chemical Company

# MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

Packing Group: None allocated

Hazchem Code: None allocated

Poisons Schedule: None allocated

## 15. REGULATORY INFORMATION

Risk phrase(s): None

Safety phrase(s): None

## 16. OTHER INFORMATION

Reason for issue: New product in range.

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.