



The Chemical Company

SAFETY DATA SHEET  
Glenium Ace 327

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**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

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PRODUCT NAME	Glenium Ace 327
PRODUCT NO.	183456
APPLICATION	Admixture for ready-mix concrete
SUPPLIER	BASF Construction Chemicals Albany House Swinton Hall Road Swinton Manchester M27 4DT (+44) 161 794 7411 NOTE : In cases of emergency outside working hours, use Telephone Number above. Follow instructions from recorded message. (+44) 161 727 8547

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**2 COMPOSITION/INFORMATION ON INGREDIENTS**

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COMPOSITION COMMENTS

Aqueous solution containing polycarboxylate ether

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**3 HAZARDS IDENTIFICATION**

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Not regarded as a health or environmental hazard under current legislation.

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**4 FIRST-AID MEASURES**

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INHALATION

Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Obtain medical advice Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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**5 FIRE-FIGHTING MEASURES**

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EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

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**6 ACCIDENTAL RELEASE MEASURES**

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PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

## Glenium Ace 327

**7 HANDLING AND STORAGE**

## USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Observe good industrial hygiene practices.

## STORAGE PRECAUTIONS

Keep in original container. Protect against Freezing Store Between 5 and 30 Degrees C

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

## PROTECTIVE EQUIPMENT



## ENGINEERING MEASURES

No particular ventilation requirements.

## RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

## HAND PROTECTION

Use protective gloves. Rubber gloves are recommended.

## EYE PROTECTION

Use approved safety goggles or face shield.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Brown		
ODOUR	Characteristic		
SOLUBILITY	Miscible with water.		
MELTING POINT (°C)	0	RELATIVE DENSITY	1.04 @ 20 °c
VAPOUR PRESSURE	23 mbar	pH-VALUE, CONC. SOLUTION	6 - 7

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

## HAZARDOUS DECOMPOSITION PRODUCTS

None other than those associated with the packaging

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 > 2000 mg/kg (oral rat)

## TOXICOLOGICAL INFORMATION

No toxicological data is available for the finished product. The LD50/LC50 values mentioned referes to individual raw materials: polycarboxylates

## GENERAL INFORMATION

Not irritating

## HEALTH WARNINGS

No specific health warnings noted.

**Glenium Ace 327**

Other Health Effects  
 May cause sensitisation to susceptible persons

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**12 ECOLOGICAL INFORMATION**

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**ECOTOXICITY**

There is no data available for the product itself. The EC50/LC50/IC50 values mentioned refers to individual raw materials: polycarboxylates  
 The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.  
 EC 50, 48 Hrs, DAPHNIA, mg/l > 1600

**DEGRADABILITY**

The product is not readily biodegradable.

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**13 DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**WASTE CLASS**

16 03 06: Off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

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**14 TRANSPORT INFORMATION**

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ROAD TRANSPORT NOTES	Not classified for road transport.
RAIL TRANSPORT NOTES	Not classified for rail transport.
SEA TRANSPORT NOTES	Not classified for sea transport.

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**15 REGULATORY INFORMATION**

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**RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

NC Not classified.

**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EEC. Dangerous Preparations Directive 1999/45/EEC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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**16 OTHER INFORMATION**

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**ISSUED BY**

HS&E Manager.

REVISION DATE 31/01/2006

REV. NO./REPL. SDS GENERATED Issue 1

SDS NO. SDS0149