

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **GLENIUM 105 SURETEC**

Company: BASF South East Asia Pte Ltd

Address: 33 Tuas Avenue 11

Singapore 639090

Telephone number: +65 6861 6766

Facsimile: +65 6861 3186

Emergency telephone numbers: +65 6861 6766

2. HAZARDS IDENTIFICATION

Chemical characterization: Aqueous solution of polycarboxylate ether

Hazardous Ingredients: n.a.

CAS No: n.a.

Hazard symbols: n.a.

R-phrases: n.a.

% Concentration: n.a.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Safety hazards: Not identified.

Health hazards: May cause skin and eye irritant.

Environmental hazards: See Section 12.

4. FIRST AID MEASURES

Immediate treatment

Eye contact: Flush with plenty of water for at least 15 minutes Seek immediate medical advice.

Skin contact: Wash with soap and water.

Inhalation: In case of inhalation of mist, remove patient to fresh air.

Ingestion: In case of swallowing product, get medical attention.

5. FIRE FIGHTING MEASURES

Special hazards: None.

Protective equipment: Eye protection required.

Extinguishing agents: Product is non-combustible. For residual solids, use water spray, carbon dioxide, dry chemical or universal type foams.

MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Eye protection and skin protection required.
Environmental precautions:	Do not discharge product into drains, surface and/or ground waters or onto surface soils.
Method for cleaning up:	Absorb with suitable material and dispose according to local regulation.

7. HANDLING AND STORAGE

Handling:	Avoid contact with reactive metals (mild steel, iron, zinc, aluminium).
Requirements for storage rooms:	Keep containers closed.
Materials not to be stored together:	n.a.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

Respiratory protection:	n.a.
Eye protection:	Wear safety glasses.
Hand protection:	Protective gloves or suitable barrier cream recommended.
Body protection:	Protective industrial clothing recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Brown
Odour:	Mild
Freezing temperature:	n.d.
Boiling point:	>100°C
Melting point:	n.a.
Flash point:	n.a. (aqueous)
P1:	n.a.
EPL (in):	n.a.
Vapour pressure:	n.a.
Vapour density:	n.a.
Relative density:	Approx. 1.10 @ 25°C
Solubility:	Miscible in water
pH value:	Approx. 8
Viscosity:	n.d.

MATERIAL SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Stability:	Stable under ambient conditions.
Hazardous reactions (conditions to avoid):	Reacts exothermically with oxidants and alkaline compounds.
Materials to avoid:	Avoid contact with strong oxidizers.
Hazardous decomposition products:	None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (lethal dose)

LD50 oral Albino rat

Dose:	n.d.
Additional information:	n.d.
Information applies to:	GLENIUM 105 SURETEC

LC50 inhalation Albino rat

Dose:	n.d.
Additional information:	n.d.
Information applies to:	GLENIUM 105 SURETEC

Acute toxicity (irritation, sensitization etc.)

Eye irritation Albino rabbit

Result:	n.d.
Symptoms:	n.d.
Method:	n.a.

Skin irritation Albino rabbit

Results:	n.d.
Symptoms:	n.d.
Method:	n.a.

Delayed or chronic toxicological effects

Additional information:	n.d.
-------------------------	------

MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity

LC50 dose: n.d.

Additional information

Ecotoxicity: Must pass neutralization plant prior to discharge into drains and sewers.

Biochemical oxygen demand

COD: n.d.

BOD: n.d.

Other: n.a.

13. DISPOSAL CONSIDERATIONS

Dispose in approved method for industrial waste in accordance with local legislation requirements.

14. TRANSPORT INFORMATION

This product is not classed as a dangerous good in any transport regulation.

Road transport ADR / RID

Class: n.a.

Number/letter: n.a.

Warning sign: n.a.

Hazard No: n.a.

UN No: n.a.

Maritime / Air transport IMDG

UN No: n.a.

PG: n.a.

Class: n.a.

IMDG code page: n.a.

MATERIAL SAFETY DATA SHEET

15. REGULATORY INFORMATION

Classification: Non-required.
Hazard labels: n.as.
R-phrases: n.as.
S-phrases: n.as.

National regulatory information:

n.a.

Other regulations, restrictions and prohibitions:

n.a.

16. OTHER INFORMATION

Key:

n.a. = not applicable

n.as. = not assigned

n.d. = no data

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. Change of company name.

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.