



Safety Data Sheet Stabiliser

BioGuard

BioLab UK Limited
Unit 4 Andoversford Industrial Estate
Andoversford, Cheltenham, Glos, GL54 4LB
Tel +44 (0) 1242 820969 Fax +44 (0) 1242 820180

SDS Ref: BGD2000
Revision Date: 28 September 2000

1 IDENTIFICATION OF CHEMICAL

Product Name: Stabiliser
Chemical Name: Cyanuric Acid, Isocyanuric Acid
Other Names: Tricyanic Acid, Tricarbimide, Trihydroxycyanidine

2 COMPOSITION

Ingredients:	Wt%	Cas No.	EEC No.	Phrases
Cyanuric Acid	98	108-80-5	203-618-0	N/A

3 HAZARD IDENTIFICATION

Not regarded as a health hazard under current legislation.

4 FIRST AID MEASURES

General: Get medical attention if any discomfort continues. Keep the affected person warm and at rest. Get prompt medical attention.

Eyes Contact: Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for a least 15 minutes and get medical attention.

Inhalation: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. DO NOT INDUCE VOMITING. Promptly let affected drink lots of water to dilute the swallowed chemical. Get medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, fog or mist, foam, dry chemicals, sand, dolomite etc. Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: Use water spray to reduce vapours. Keep up wind to avoid fumes.

Special Protective Equipment: Chemical protection suit with self contained breathing apparatus and suitable gloves and boots.

Unusual Fire and Explosion Hazards: May develop highly toxic or corrosive fumes if heated.

Hardardous Decomposition Products: Toxic gases/vapours/fumes.

6 ACCIDENTAL RELEASE MEASURES

Shovel into dry containers. Cover and move the containers. Avoid generating dust. Subsequently wash area with water.

Do not let washing down contaminate ponds or waterways.

7 HANDLING AND STORAGE

Handling: Avoid Spilling, skin and eye contact.
Wash promptly with soap and water if skin becomes contaminated. Always follow good personal hygiene when working with this product.

Storage: Keep in cool, dry, ventilated storage and closed containers. Store in a dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	8hr TWA	15Min STEL	Authority
	-	-	EH40

General: Exposure should be kept as low as is reasonably practical. Observe the limits for dust.

PPE: Respiratory: Explosion-proof general and local exhaust ventilation. Respiratory protection may be required when excessive air contamination exists.

Skin: Wear rubber or plastic gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Eyes: Wear approved safety goggles. Provide eyewash, quick drench.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Appearance: Crystals or crystalline, solid, powder, dust
Odour: No characteristic odour
Colour: Light (or pale) grey, off white
PH: 5 (@ 10% dilution)
Melting Point: 320-360°C
Solubility: Slightly soluble in water, soluble in alkalies, hot alcohol, sulphuric acid (H₂SO₄)

10 STABILITY AND REACTIVITY

Stability: Normally stable. Hygroscopic – avoid moisture, air and oxidisers.

Materials to Avoid: Strong oxidising agents, Chlorine and Ethanol.

Conditions to Avoid: Avoid moisture.

Hazardous Decomposition Products: Toxic gases/vapours/fumes.

11 TOXICOLOGICAL INFORMATION

Toxic dose 1 – LD50 7700mg/kg (oral rat)

Toxic dose 2 – LD50: N/D

Toxic Conc. – LD50: N/D

Health Warnings: Take care if dissolving in water as there is a strong warming effect

Acute and Chronic Health Hazards: Repeated exposure may cause chronic upper respiratory irritation.

Carcinogenicity: This substance has no evidence of carcinogenic properties.

12 ECOLOGICAL INFORMATION

No data available.

13 DISPOSAL CONSIDERATIONS

Disposal Methods: Arrange disposal as non-toxic waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with the Environmental Act 1990 (section 34) and the Duty of Care.

14 TRANSPORT INFORMATION

UN No: Not regulated
Primary Hazard: Not regulated
Packing Group: Not regulated
Hazard ID No: Not regulated
Class: Not regulated
EAC: Not regulated

15 REGULATORY INFORMATION

Product Name: Stabiliser
Hazard Symbol: N/A
Risk Phrases: N/A

Safety Phrases: S1/2 Keep locked up and out of reach of children.

16 OTHER INFORMATION

Recommended uses and restrictions: No further information.

Further information sources: HSE Guidance Note CS17

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40 ACIGH tables.

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

This data sheet does not constitute a users assesment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.
