

Material Safety Data Sheet

Golden Coast



Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication.

Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

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Revision Number 3

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1 IDENTIFICATION OF CHEMICAL

PRODUCT NAME: GUARDEX SUN SHIELD

PRODUCT CODE: 20 35 569 020

Chemical name: Isocyanuric acid

Other names: Cyanuric acid. 1,3,5 Triazine – 2,4,6 Triol

2 COMPOSITION

SUBSTANCE	Wt %	EC NO.	CAS NO.	R phrases	Symbol	WEL
Cyanuric Acid	98	203-618-0	108-80-5	N/A	N/A	-

3 HAZARD IDENTIFICATION

Not regarded as a health hazard under current legislation.

4 FIRST AID MEASURES

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 professional medical attention.

Skin Contact Immediately wash with plenty of soap and water. Obtain professional medical attention if required. Remove contaminated clothing and shoes.

Eye contact Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get professional 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 professional medical attention.

Golden Coast Ltd

Fishleigh Road Roundswell Commercial Park West

Barnstaple Devon EX31 3UA

Tel: +44 (0)1271 378100 Fax: +44 (0)1271 371699

www.goldenc.com e-mail: swimmer@goldenc.com



As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary.

Registered in England and Wales 2420044 VAT Reg. No 540 4110 02



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5 FIRE FIGHTING MEASURES.

Suitable extinguishing media: Water spray, fog or mist, foam, dry chemicals, sand, dolomite etc. Use extinguishing media appropriate for surrounding fire. Use water spray to reduce vapours. Keep up wind to avoid fumes.

Special exposure hazards in fire: May develop highly toxic or corrosive fumes if heated. Toxic gases/vapours/fumes.

Required special protective equipment for fire fighters: Chemical protection suit with self-contained breathing apparatus and suitable gloves and boots.

6 ACCIDENTAL RELEASE MEASURES.

Personal precautions: For personal protective equipment see section 8.

Environmental precautions: Do not let washing down contaminate ponds or waterways. Ensure spills are cleaned up quickly and avoid release to the environment.

Methods for cleaning: Shovel into dry containers. Cover and move the containers. Avoid generating dust. Subsequently wash area with copious amounts of water.

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.

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8 EXPOSURE CONTROLS / PERSONAL PROTECTION.

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

Engineering Controls Use local exhaust ventilation where practicable

Respiratory protection Respiratory protection may be required when excessive air contamination exists.

Hand protection (type of gloves, etc) Wear chemical resistant gloves.

Skin protection Wear appropriate clothing to prevent repeated or prolonged skin contact.

Eye protection 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 alkalis, hot alcohol, sulphuric acid (H₂SO₄)

10 STABILITY AND REACTIVITY.

Conditions to avoid: Moisture, heat and fire.

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

Hazardous decomposition products: Toxic gases/vapours/fumes. Specifically carbon monoxide, carbon dioxide and nitrogen.

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11 TOXICOLOGICAL INFORMATION.

Route of entry:

Inhalation: Possible irritant
Ingestion: Moderately toxic
Oral (rat) LD50>10,000 mg/kg
Skin: Possible mild irritant. Low toxicity.
Dermal (rat) LD50>10,000 mg/kg
Eyes: Low toxicity. Possible mild irritant.

12 ECOLOGICAL INFORMATION.

Ecotoxicity: Not Applicable

Persistence and degradability: Not Applicable

Other adverse effects: Not Applicable

13 DISPOSAL CONSIDERATIONS.

Substance: Disposal of material should be in accordance with local authority regulations.

Container: Dispose of any packaging associated with the material in accordance with local authority regulations.

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

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15 REGULATORY INFORMATION.

Product Name: Sun Shield

Symbol: Not classified.

Risk phrases: Not classified.

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

EC No. (if applicable): 203-618-0

Applicable EU provisions and associated UK legislation: The Chemical (Hazards Information & Packaging) Regulations 2002.

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.

Reviewed 28/06/07 – Amended

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 assessment 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.

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