

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.

Creation Date 20.07.99

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Revision Number 2

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1 IDENTIFICATION OF CHEMICAL

PRODUCT NAME: GUARDEX NO GREEN

PRODUCT CODE: 20 35 586 010

Chemical name: N-Alkyl -N, N-dimethyl-N-benzylammonium chloride

Other names: Quat Algaecide (40 %), Quaternary Ammonium Compound (QAC), Barquat DM – 50

2 COMPOSITION.

SUBSTANCE	Wt %	EC NO.	CAS NO.	R phrases	Symbol	WEL
N-Alkyl -N, N-dimethyl-N-benzylammonium chloride	40	270-325-2	68424-85-1	22, 34, 50	C, N	-

3 HAZARD IDENTIFICATION

Harmful if swallowed. Causes burns. Very toxic to aquatic organisms.

4 FIRST AID MEASURES.

Inhalation Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. First aider needs to protect themselves. Seek professional medical attention immediately.

Skin contact Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Seek professional medical attention immediately.

Eye contact Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Call professional medical attention immediately.

Ingestion Call professional medical attention immediately. Clean mouth out with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Note: When seeking medical attention, always show the product label.

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: Dry powder, water spray, foam

Hazardous combustion products: Carbon dioxide and carbon monoxide and toxic fumes of organic and inorganic materials.

Required special protective equipment for fire fighters: In the event of fire, wear self-contained breathing apparatus and full protective clothing.

6 ACCIDENTAL RELEASE MEASURES.

Personal precautions: Wear suitable personal protective clothing as detailed in section 8.

Environmental precautions: Do not flush into surface water or sanitary sewer system

Methods for cleaning: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local and national regulations.

7 HANDLING AND STORAGE.

Handling: DO NOT MIX WITH OTHER CHEMICALS. Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust in work rooms.

Storage: Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION.

Engineering controls: Use local exhaust ventilation where practicable

Respiratory protection Use respirator when performing operations involving potential exposure to vapour of the product.

Hand protection (type of gloves, etc) Wear suitable gloves.

Skin protection Wear suitable protective clothing, gloves and eye/face protection.

Eye protection Wear eye/face protection.

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9 PHYSICAL AND CHEMICAL PROPERTIES.

Physical state:	Liquid
Appearance:	Blue
Odour:	Aromatic
pH:	5-7
Boiling point/ range:	ca. 100 °C
Flashpoint (°C):	160-170 °C
Density:	0.98 gcm ⁻³ (25 °C)
Viscosity:	ca. 300 mPa.s (20 °C)
Water solubility:	completely miscible

10 STABILITY AND REACTIVITY.

Conditions to avoid:	Stable under normal conditions
Materials to avoid:	Reacts with oxidising and reducing agents, acids and alkalis
Hazardous decomposition products:	Nitrogen, carbon monoxide. Carbon dioxide

11 TOXICOLOGICAL INFORMATION.

Ingestion:	Acute oral toxicity (LD50): ca. 344 mg/kg (species rat)
Skin:	Corrosive to skin. Acute dermal toxicity (LD50): ca.3340 mg/kg (species rabbit)
Eyes:	Corrosive to eyes.

12 ECOLOGICAL INFORMATION.

Ecotoxicity:	Toxicity to fish (LC50) 0.93 mg l ⁻¹ (Rainbow Trout 96 hr) Toxicity to daphnia (EC50) 0.0058 mg l ⁻¹ (Daphnia magna 48 hr)
Mobility:	Adsorption/soil immobile
Persistence and degradability:	Hydrolytically stable
Bioaccumulative potential:	Does not bioaccumulate

13 DISPOSAL CONSIDERATIONS.

Substance:	The organic ingredients can be incinerated in a suitable installation when in accordance with local regulations.
Container:	Where possible recycling is preferred to disposal or incineration.

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14 TRANSPORT INFORMATION.

UN No.: UN3265

Proper shipping name (PSN), including any technical name: Corrosive Liquid, Acidic, Organic, N.O.S. (N-Alkyl(C12-C16)-N,N-dimethyl-N-benzylammonium chloride)

Class/Division: 8

Packing Group (if any): II

EAC: 2X

Hazard ID No.: 80

IMDG CODE

Marine pollutant: May be considered a marine pollutant

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15 REGULATORY INFORMATION.

Product Name: No Green

Symbol: C, N

Indication(s) of danger: Corrosive, Dangerous for the Environment

Risk phrases: R22 Harmful if swallowed
R34 Causes burns
R50 Very toxic to aquatic organisms

Safety phrases: S1/2 Keep locked up and out of the reach of children
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
S27/28 After case of contact with skin take off immediately all contaminated clothing and wash with plenty of water
S37/38/39 Wear suitable protective clothing, gloves and eye/face protection
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S56 Dispose of this material and its container to hazardous or special waste collection point

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

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16 OTHER INFORMATION

Recommended uses and restrictions: No further information.

Further information sources: No further information

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list. EH40

Reviewed 31/05/07 – 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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