

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product name: GT 20

Product code: QX10

1.2. Relevant identified uses of the substance or mixture and uses advised against

Biological product for use in drain line cleaning and maintenance

1.3. Details of the supplier of the safety data sheet

Company name: GNC Marine Ltd
Unit 11, Empire Business Park
Parcel Terrace
Derby
DE1 1LY
United Kingdom

Tel: +44 (0)1283 221297

Email: enquiries@gncmarine.com

1.4. Emergency telephone number

Emergency tel: +44 (0)7740 422035

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

This material is not classified as hazardous according to Regulation 1272/2008/EC as amended on classification, labelling and packaging of substances and mixtures.

Most important adverse effects: None identified

2.2. Label Elements

Labelling according to 1272/2008/EC

No Hazard Pictograms, Signal words, Hazard statements or Precautionary statements required

Supplemental Hazard Statements

EUH 208 Contains 1,2-benzisothiazolin-3-one: may produce an allergic reaction

2.3. Other hazards PBT: None identified

Section 3: Composition/information on ingredients**3.1. Substances**

Not applicable, material is a mixture

3.2. Mixtures**Hazardous ingredients declared according to Regulation (EC) No 1272/2008**

1,2-BENZISOTHIAZOLIN-3-ONE

220-120-9	2634-33-5	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<0.04%
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A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 220-239-6]

-	55965-84-9	-	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<0.004%
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Section 4: First aid measures
4.1. Description of first aid measures

- Skin contact:** Wash off with soap and water.
- Eye contact:** Rinse immediately with water holding the eyelids open.
- Ingestion:** Rinse mouth thoroughly. No need for first aid is anticipated.
- Inhalation:** Move the exposed person to fresh air

4.2. Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction in already sensitised individuals

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: No special treatment required.

Section 5: Fire-fighting measures
5.1. Extinguishing media
Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: No special protective clothing required.

6.2. Environmental precautions

Environmental precautions: Do not allow large amounts (i.e. more than 20 litres) of product to enter drains undiluted. Do not allow spillages to enter an open water course or surface water. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Small spillages (<20 litres) can be washed to drain with water (but not to one that leads to an open water course or surface water). For larger spillages, absorb with inert material and sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Wash thoroughly after handling. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters No exposure limits applicable to components in this product

8.2. Exposure controls

Engineering measures No special requirements

Respiratory protection Not required

Hand protection No chemical resistance gloves required

Eye protection None required

Protective equipment No special protective clothing required.

Environmental measures Do not allow product to enter open water courses or surface water

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid
Colour: Light Brown
Odour: Barely perceptible odour
Solubility in water: Miscible in all proportions
Relative density: 1.01
pH: approx 7

9.2. Other information: No data available.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Not Known

Section 11: Toxicological information**11.1. Information on toxicological effects****a) Acute toxicity**

Estimated oral ATE for mixture is >300,000 mg/kg

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

b) Skin corrosion/irritation: Mixture not classified as corrosive to skin or causing skin irritation.

c) Serious eye damage/irritation: Not classified as causing serious eye damage or irritation.

d) Respiratory or skin sensitisation: Contains ingredients that cause sensitisation by skin contact, but at levels below at which mixture must be classified for skin sensitisation. Does not contain ingredients classified as a respiratory sensitiser.

e) Germ cell mutagenicity: Does not contain ingredients that are known germ cell mutagens

f) Carcinogenicity: Does not contain ingredients that are known carcinogens

g) Reproductive toxicity: Does not contain ingredients that are known reproductive toxicants

h) STOT single exposure: Does not contain ingredients that are known to cause single target organ toxicity with single exposure

i) STOT repeated exposure: Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure

Aspiration hazard: Does not contain ingredients

Section 12: Ecological information**12.1. Toxicity**

Contains ingredients that are toxic to the aquatic environment but at concentrations below that at which classification of mixture is required for acute or chronic effects

12.2. Persistence and degradability

Given the classification and degradability information on the ingredients and their concentration in the mixture, product is expected to be biodegradable to at least 95%.

12.3. Bioaccumulative potential

Given the classification and environmental behavior information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

12.4. Mobility in soil:

Aqueous product, fully soluble in water: not expected to be retained in soil to any significant extent

12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

12.6. Other adverse effects:

None known

Section 13: Disposal considerations**13.1. Waste treatment methods**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations: European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (known as 'CLP'). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 (2nd edition published 2011). REACH: Regulation 1907/2006/EC effective June 1st, 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH. Dangerous Preparations Directive (1999/45/EC).

15.2. Chemical Safety Assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information**Revision**

This SDS has been updated from Revision 1 to comply with the full implementation of the CLP Regulation (EC) No 1272/2008 for mixtures, namely the classification of ingredients and preparations using the new GHS/CLP symbols and phrases and communication of classification, hazards and advice according to the new rules.

Explanation of H-phrases that appear in section 3

H301: Toxic if swallowed.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

References

Allergens in consumer products: S.W.P. Wijnhoven, J. Ezendam, A.G. Schuur, H. van Loveren and J.G.M. van Engelen. RIVM Report 320025001/2008, Center for Substances and Integrated Risk Assessment www.vva.nl/txmpub/files/?p_file_id=31183
Part 3 of Annex VI of Regulation (EC) No 1272/2008

Part 3 of Annex VI of Regulation (EC) No 1272/2008

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF>

Annex II Annex II of (EU) No 453/2010

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF>

2nd ATP of CLP Regulation 286/2011, Table 3.4.6

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:L:2011:083:FULL&from=EN>

Method used to classify:

Mixture has been classified by reference to information on ingredients and a worst case on exposure risk taken in each case. The final preparation is a solid block enclosed in a netting. Additionally, this preparation is intended for use only in enclosed systems. Risk assessments should be made on this basis.

In Use Concentration

This product is intended as ready to use.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.