
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Gel Clean

UFI:

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

Use of the substance/mixture: Cleaning agent

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Bio Technics Ltd

Address of Supplier: Linton Business Park
Gourdon
Aberdeenshire
DD10 0NH
Scotland, United Kingdom

Telephone: +44 (0) 1561 361515

Responsible Person: Julia See

Email: Info@bio-technics.com

1.4 Emergency telephone number

Emergency Telephone: +44 (0) 1561 361515 (24 Hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

CLP: Eye Irrit. 2

2.2 Label elements



Signal Word: Warning

Hazard statements

Causes serious eye irritation (H319).

Contains Terpinolene. May produce an allergic reaction (EUH208).

Precautionary statements

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

Wear protective gloves/protective clothing/eye protection/face protection (P280).

Wash hands thoroughly after handling (P264).

If eye irritation persists: Get medical advice/attention (P337+P313).

2.3 Other hazards

- None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

TERPINEOL

SECTION 3: Composition/information on ingredients (....)

CAS Number:
EC Number: 701-188-3
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H315, H319

TERPINOLENE

CAS Number:
EC Number: 938-945-4
Concentration: <0.5%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Flam. Liq. 3, Eye Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Chronic 2
Symbols: GHS02, GHS07, GHS08, GHS09
H Statements: H226, H304, H317, H319, H411

Alcohols, C9-11, ethoxylated

CAS Number: 68439-46-3
EC Number: 931-514-1
Concentration: <0.5%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05; GHS07
H Statements: H302; H318

DDBSA

CAS Number: 85536-14-7
EC Number: 287-494-3
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3
Symbols: GHS05, GHS07
H Statements: H302, H314, H318, H412
REACH Registration Number: 01-2119490234-40-XXXX

sulphuric acid

CAS Number: 7664-93-9
EC Number: 231-639-5

SECTION 3: Composition/information on ingredients (....)

Concentration: <0.05%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Corr. 1A
Symbols: GHS05
H Statements: H314

2-aminoethanol

CAS Number: 141-43-5
EC Number: 205-483-3
Concentration: <0.1%
Specific Concentration Limits: STOT SE 3; H335: C ≥ 5 %
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, STOT SE 3, Aquatic Chronic 3
Symbols: GHS05; GHS07
H Statements: H302, H312, H314, H318, H332, H335, H41
REACH Registration Number: 01-2119486455-28-XXXX

Didecyldimethylammonium chloride

CAS Number: 7173-51-5
EC Number: 230-525-2
Concentration: <0.05%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2
Symbols: GHS05; GHS09; GHS07
H Statements: H302; H314; H318; H411; H400
REACH Registration Number: 01-2119945987-15

propan-2-ol

CAS Number: 67-63-0
EC Number: 200-661-7
Concentration: <0.05%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
Symbols: GHS02; GHS07
H Statements: H225; H336; H319
REACH Registration Number: 01-2119457558-25

SECTION 4: First aid measures**4.1 Description of first aid measures**

SECTION 4: First aid measures (....)

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- May cause redness and irritation
- Can cause damage to the eyes and skin
- Mildly irritating to skin and eyes

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
 - Wear chemical protection suit and positive-pressure breathing apparatus
 - Wear full protective clothing including chemical protection suit
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Contain spillage by any means possible
- Wear eye/face protection
- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Use appropriate containment to avoid environmental contamination
- Do not empty into drains

6.3 Methods and material for containment and cleaning up

- Absorb spillage in dry sand
- Absorb spillage in earth or sand
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 8 and 13
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

propan-2-ol

SECTION 8: Exposure controls/personal protection (....)

WEL (short term): (15min) 1250 mg/m³

8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Off-white
Odour:	Characteristic odour
Melting point/Range:	Not available
Boiling Point/Range:	Not available
Flammability:	Non-flammable
pH:	Approximately 9.0
Solubility in water:	Completely soluble in water
Density:	0.968
Flashpoint:	>93°C

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid contact with skin and eyes
- Keep away from heat

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Estimated LD ₅₀ (oral) (ATE) :	>2000 mg/kg
Estimated LD ₅₀ (dermal) (ATE) :	>4000 mg/kg
Estimated LD ₅₀ (inhalational) (ATE) :	>20 mg/l/4hr (gas/vapour)

propan-2-ol

LD ₅₀ (dermal, rabbit):	13400 mg/kg
LD ₅₀ (oral, rat):	30 mg/kg

Skin corrosion/irritation

SECTION 11: Toxicological information (....)

May cause redness and irritation

May cause severe irritation

Serious eye damage/irritation

In extreme cases ocular damage caused

May cause redness and irritation

Possible risk of irreversible effects

Respiratory or skin sensitisation

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

No information available

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information**12.1 Toxicity****DDBSA**

IC₅₀ (algae): Unknown mg/l (72 hr)

EC₅₀ (daphnia): Unknown mg/l (48 hr)

LC₅₀ (fish): Unknown mg/l (96 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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SECTION 14: Transport information**14.1 UN number or ID number**

UN No.: Not applicable

14.2 UN proper shipping name

Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

Hazard Class: Not applicable

14.4 Packing group

Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not classified as hazardous for transport

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Not hazardous according to current ADR Regulations

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.