

## SAFETY DATA SHEET

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

#### 1.1 Product identifier

Product Name: BIO TA

UFI:

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

Use of the substance/mixture: Cleaning agent, Surface treatment

#### 1.3 Details of the supplier of the safety data sheet

Name of Supplier: Oil Technics Ltd

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

Telephone: +44 (0) 1561 361515

Responsible Person: Steven Pitt

Email: Info@oiltechnics.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 Dam. 1

#### 2.2 Label elements



Signal Word: Danger

#### Hazard statements

Causes serious eye damage (H318).

#### 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).

Immediately call a POISON CENTER or doctor/physician (P310).

#### 2.3 Other hazards

Contains: Alcohols, C9-11, ethoxylated

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### BENZENESULFONIC ACID, MONO-C10-16-ALKYL DERIVS., SODIUM SALTS

CAS Number: 68081-81-2

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

EC Number: 268-356-1  
Concentration: < 10%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1  
Symbols: GHS05, GHS07  
H Statements: H302, H315, H318

**Ethylenediaminetetraacetic acid, tetrasodium salt**

CAS Number: 64-02-8  
EC Number: 200-573-9  
Concentration: <1%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Eye Dam. 1  
Symbols: GHS05;GHS07  
H Statements: H302;H318

**Alcohols, C9-11, ethoxylated**

CAS Number: 68439-46-3  
EC Number: 614-482-0  
Concentration: < 10%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Eye Dam. 1  
Symbols: GHS05, GHS07  
H Statements: H302, H318

**1,2-benzisothiazol-3(2H)-one**

CAS Number: 2634-33-5  
EC Number: 220-120-9  
Concentration: <1%  
Specific Concentration Limits: Skin Sens. 1; H317: C ≥ 0,05 %  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Skin Sens. 1; Aquatic Acute 1  
Symbols: GHS05,GHS07,GHS09  
H Statements: H302,H315,H318,H317,H400

**BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS. WITH 2PROPANAMINE**

CAS Number: 84961-74-0  
EC Number: 284-664-9  
Concentration: < 10%

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

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3

Symbols: GHS07

H Statements: H315, H319, H412

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

- IF ON SKIN: Gently wash with plenty of soap and water.
- IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- When in doubt or symptoms persist, seek medical attention

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

- Mildly irritating to skin and eyes
- In cases of severe exposure, nausea/vomiting may develop
- Possible redness and irritation of affected areas
- May cause redness and irritation
- May cause severe irritation
- Can cause damage to the eyes and skin

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

- Obtain immediate medical attention
  - 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**

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

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

**6.2 Environmental precautions**

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

**6.3 Methods and material for containment and cleaning up**

**SECTION 6: Accidental release measures (....)**

- 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
- See Section 8
- See Section 8 and 13

**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

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****DIPROPYLENE GLYCOL METHYL ETHER****DNEL**

Exposure	Value	Population	Effect
Dermal	283 mg/kg/day	Workers	Systemic
Inhalation	308 mg/kg	Workers	Systemic
Dermal	121 mg/kg/day	Consumers	Systemic
Inhalation	37.2mg/m3	Consumers	Systemic
Oral	36 mg/kg/day	Consumers	Systemic

**PNEC**

Exposure	Value	Population	Effect
Fresh water	19 mg/l	-	-
Marine water	1.9 mg/l	-	-
Intermittent release	190 mg/l	-	-
STP	4168 mg/l	-	-
Sediment (Freshwater)	70.2 mg/kg/day	-	-
Sediment (Marine water)	7.02 mg/kg/day	-	-
Soil (agricultural)	2.74 mg/kg/day	-	-

**BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPS****DNEL**

Exposure	Value	Population	Effect
Inhalation	3.33mg/m3	Workers	Systemic
Dermal	0.94 mg/kg/day	Workers	Systemic
Inhalation	0.82 mg/m3	Consumers	Systemic
Dermal	0.47 mg/m3	Consumers	Systemic
Oral	0.47 mg/kg/day	Consumers	Systemic

**PNEC**

Exposure	Value	Population	Effect
Fresh water	0.268mg/l	-	-
Marine water	0.0268mg/l	-	-
Soil (agricultural)	35mg/kg	-	-
Fresh water sediments	8.1mg/kg	-	-
Marine sediments	8.1mg/kg	-	-
STP	1.67mg/L	-	-

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**SECTION 8: Exposure controls/personal protection (....)****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:	Cream
Odour:	Characteristic odour
Melting point/Range:	Not available
Boiling Point/Range:	Not available
Flammability:	Non-flammable
pH:	Approximately 8.0
Solubility in water:	Completely soluble in water
Density:	1.010
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**

DIPROPYLENE GLYCOL METHYL ETHER  
DERMAL RBT LD50 9510 mg/kg  
INHALATION RAT LC50 3404.47 mg/l  
ORAL RAT LD50 8740 mg/kg

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS  
ORAL RAT LD50 >2000 mg/kg

ALCOHOLS C9-11, ETHOXYLATED  
DERMAL - LD50 >2000 mg/kg  
ORAL - LD50 >300, <2000 mg/kg

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**SECTION 11: Toxicological information (....)****Skin corrosion/irritation**

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**

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**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

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

DIPROPYLENE GLYCOL METHYL ETHER

Daphnia magna 48H EC50 1919 mg/l

FISH 96H LC50 >1000 mg/l

GREEN ALGA (Selenastrum capricornutum) 75H EC50 >969 mg/l

Scenedesmus Subspicatus 72H EC50 6999 mg/l

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS

Aquatic plants 48H EC50 >10 mg/l

Daphnia magna 96H EC50 15 mg/l

FISH 96H LC50 1-5 mg/l

ALCOHOLS C9-11, ETHOXYLATED

ALGAE LL/EL/IL50 >100 mg/l

Daphnia magna LL/EL/IL50 1-10 mg/l

FISH LL/EL/IL50 1-10 mg/l

**12.2 Persistence and degradability**

- Biodegradable

**12.3 Bioaccumulative potential**

**SECTION 12: Ecological information (....)**

No bioaccumulation potential.

**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
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**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**

- No special precautions are required for this product

**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:- H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. 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.