
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Sobo Gold
- 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: Bio Technics Ltd
- Address of Supplier: Linton Business Park
Gourdon
Aberdeenshire
DD10 0NH
Scotland, United Kingdom
- Telephone: +44 (0) 1561 361515
- Responsible Person: Joseph Hannah
- 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).

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

- Contains: Alcohols, C9-11, ethoxylated

SECTION 3: Composition/information on ingredients

3.2 Mixtures

TETRAPOTASSIUM PYROPHOSPHATE

CAS Number: 7320-34-5
EC Number: 230-785-7
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Eye Irrit. 2
Symbols: GHS07
H Statements: H319

D-Glucopyranose, oligomeric, C9-11-alkyl glycosides

CAS Number: 132778-08-6
EC Number: 603-654-0
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Dam. 1
Symbols: GHS05
H Statements: H315, H318

Alcohols, C9-11, ethoxylated

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

SECTION 4: First aid measures

4.1 Description of 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.
- IF ON SKIN: Wash with plenty of soap and water.
- Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

- May cause redness and irritation

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

- 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
 - Do not empty into drains
 - Use appropriate containment to avoid environmental contamination
- 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
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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
- Wear protective gloves/protective clothing/eye protection/face protection.
 - Call a POISON CENTRE or doctor if you feel unwell.
- 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

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

8.1 Control parameters

TETRAPOTASSIUM PYROPHOSPHATE (TKPP)

DNEL

Exposure	Value	Population	Effect
Inhalation	2.79 mg/m ³	Workers	Systemic
Oral	>70mg/kg/day	General Population	Systemic

PNEC

Exposure	Value	Population	Effect
Fresh water	0.05 mg/l	-	-
Marine water	0.005 mg/l	-	-
STP	50mg/l	-	-

8.2 Exposure controls

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: pale straw
- Odour: Perceptible 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: 1.050
- Flashpoint: >93°C

9.2 Other information

- No information available

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

SECTION 10: Stability and reactivity (....)

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

ALCOHOLS C9-11, ETHOXYLATED

DERMAL - LD50 >2000 mg/kg

ORAL - LD50 >300, <2000 mg/kg

ALKYLPOLYGLYCOSIDE C9-11

ORAL - LD50 2000 mg/kg

TETRAPOTASSIUM PYROPHOSPHATE (TKPP)

DERMAL RBT LD50 >3000 mg/kg

Skin corrosion/irritation

May cause severe irritation

May cause redness and irritation

Serious eye damage/irritation

May cause redness and irritation

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
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SECTION 12: Ecological information

SECTION 12: Ecological information (....)

12.1 Toxicity

ALKYLPOLYGLYCOSIDE C9-11
FISH 96H LC50 10 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

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

SECTION 14: Transport information (....)

- 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. H318: Causes serious eye damage. H319: Causes serious eye irritation.

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.

--- end of safety datasheet ---
