SAFETY DATA SHEET

Protox Odourfree

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

1.1. Product identifier

Trade name

Protox Odourfree

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

Relevant identified uses of the substance or mixture

Cleaning product

▼Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

▼Company and address

Protox ApS
Fabriksvej 19
6000 Kolding
Denmark
+45 75 50 40 22

E-mail

info@protox.dk

SDS date

23/11/2022

SDS Version

2.0

Date of previous version

27/1/2022 (1.0)

1.4. Emergency telephone number

In an emergency call 000
In less severe situations call NSW Poisons Information Centre: 13 11 26 (Available 24/7 from anywhere in Australia)
See section 4 “First aid measures”.

SECTION 2: Hazards identification

This material is not considered hazardous by the Work Health and Safety Regulations.

2.1. Classification of the substance or mixture

2.2. Label elements

▼Hazard pictogram(s)

▼Signal word

Not applicable.

▼Hazard statement(s)

Not applicable.

Safety statement(s)

General

-

Prevention

-

Response

-

Storage

-

Disposal

-

▼Hazardous substances

None known.

▼Additional labelling

Not applicable.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.1. ▼Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sodium xylenesulphonate	CAS No.: 1300-72-7 EC No.: 215-090-9	1-3%	Eye Irrit. 2, H319	
Alcohols, C12-14, ethoxylated	CAS No.: 68439-50-9 EC No.: 500-213-3	<1%	Eye Dam. 1, H318	[19]
1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one	CAS No.: 2634-33-5 EC No.: 220-120-9	<0.05%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.05 %) Eye Dam. 1, H318	
2-methylisothiazol-3(2H)-one	CAS No.: 2682-20-4 EC No.: 220-239-6	<0.0015%	Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 Acute Tox. 2, H330	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. ▼Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

▼Burns

Not applicable.

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

None known.

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

None known.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. ▼Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. ▼Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. ▼Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. ▼Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼Conditions for safe storage, including any incompatibilities

Recommended storage material

Keep only in original packaging.

Storage temperature

Dry, cool and well ventilated

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. ▼Control parameters

No substances are included in the list of workplace exposure standards for airborne contaminants as published by Safe Work Australia.

▼DNEL

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	345 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	966 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m³
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m³

2-methylisothiazol-3(2H)-one

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Inhalation	21 µg/m³
Long term – Local effects - Workers	Inhalation	21 µg/m³
Short term – Local effects - General population	Inhalation	43 µg/m³
Short term – Local effects - Workers	Inhalation	43 µg/m³
Long term – Systemic effects - General population	Oral	27 µg/kgbw/day
Short term – Systemic effects - General population	Oral	53 µg/kgbw/day

Alcohols, C12-14, ethoxylated

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	66.7 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	187 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	3.48 mg/m³
Long term – Systemic effects - Workers	Inhalation	19.6 mg/m³
Long term – Systemic effects - General population	Oral	1.33 mg/kg bw/day

▼PNEC

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

Route of exposure	Duration of Exposure	PNEC
Freshwater		4.03 µg/L
Freshwater sediment		49.9 µg/kg
Intermittent release (freshwater)		1.1 µg/L
Intermittent release (marine water)		110 ng/L
Marine water		403 ng/L
Marine water sediment		4.99 µg/kg
Sewage treatment plant		1.03 mg/L
Soil		3 mg/kg

2-methylisothiazol-3(2H)-one

Route of exposure	Duration of Exposure	PNEC
Freshwater		3.39 µg/L
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Sewage treatment plant		230 µg/L
Soil		47.1 µg/kg

Alcohols, C12-14, ethoxylated

Route of exposure	Duration of Exposure	PNEC
Freshwater		3.4 µg/L
Freshwater sediment		89.5 µg/kg
Intermittent release (freshwater)		445 ng/L
Intermittent release (marine water)		44.5 ng/L
Marine water		340 ng/L
Marine water sediment		8.95 µg/kg
Sewage treatment plant		200 µg/L
Soil		16 µg/kg

8.2. ▼Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Wash hands after use.

▼Measures to avoid environmental exposure

No specific requirements.

8.3. Individual protection measures, such as personal protective equipment

▼Generally

Use only CE marked protective equipment.

▼Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			

Skin protection

Recommended	Type/Category	Standards
No specific requirements	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No specific requirements	-	-	-

▼Eye protection

Work situation	Type	Standards
When there is risk of splash- / intermittent exposure	Wear safety glasses with side shields.	EN166

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Colourless

Odour

Mild

▼Odour threshold (ppm)

Testing not relevant or not possible due to the nature of the product.

pH

8

Density (g/cm³)

1.014 (20 °C)

Viscosity

No data available

Phase changes

Melting point (°C)

No data available

Boiling point (°C)

No data available

Vapour pressure

No data available

Vapour density
No data available
Decomposition temperature (°C)
No data available
Evaporation rate (n-butylacetate = 100)
No data available

Data on fire and explosion hazards

▼Flash point (°C)
Testing not relevant or not possible due to the nature of the product.
Ignition (°C)
No data available
Auto flammability (°C)
No data available
Explosion limits (% v/v)
No data available
Explosive properties
No data available
Oxidizing properties
Not applicable

Solubility

▼Solubility in water
Completely soluble
n-octanol/water coefficient
No data available
Solubility in fat (g/L)
No data available

SECTION 10: Stability and reactivity

10.1. ▼Reactivity
No data available.
10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.
10.3. ▼Possibility of hazardous reactions
None known.
10.4. ▼Conditions to avoid
None known.
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.
Skin corrosion/irritation
Based on available data, the classification criteria are not met.
Serious eye damage/irritation
Based on available data, the classification criteria are not met.
Respiratory sensitisation
Based on available data, the classification criteria are not met.
Skin sensitisation
Based on available data, the classification criteria are not met.
Germ cell mutagenicity
Based on available data, the classification criteria are not met.
Carcinogenicity
Based on available data, the classification criteria are not met.
Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

▼Long term effects

None known.

SECTION 12: Ecological information

12.1. ▼Toxicity

No data available.

12.2. ▼Persistence and degradability

No data available.

12.3. ▼Bioaccumulative potential

No data available.

12.4. ▼Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. ▼Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.

▼Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

▼Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. ▼Special precautions for user

Not applicable.

14.7. ▼Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: Regulatory information

15.1. ▼Safety, health and environmental regulations/legislation specific for the substance or mixture

▼Restrictions for application

None known.

▼Demands for specific education

No specific requirements.

Control of major hazard facilities

Flammable Material / Treshold quantity: 200 tonnes

▼Additional information

Not applicable.

▼The Australian Inventory of Industrial Chemicals (AIIC)

Sodium xylenesulphonate
Alcohols, C12-14, ethoxylated
1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one
2-methylisothiazol-3(2H)-one

▼Sources

National Standard for the Control of Major Hazard Facilities [NOHSC:1014(2002)].
Model Work Health and Safety Regulations as at 1 January 2021.

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼Full text of H-phrases as mentioned in section 3

H301, Toxic if swallowed.
H302, Harmful if swallowed.
H311, Toxic 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.
H330, Fatal if inhaled.

▼The full text of identified uses as mentioned in section 1

None known.

▼Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail
AICIS = Australian Industrial Chemicals Introduction Scheme
AIIC = Australian Inventory of Industrial Chemicals
AS = Australian Standard
AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
AUH = Hazard statements specific for Australia
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. (""Marpol"" = marine pollution)
NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

WHS = Work Health and Safety Regulations

Additional information

No substances are included in the list of workplace exposure standards for airborne contaminants as published by Safe Work Australia.
A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

▼The safety data sheet is validated by

HMJ

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: AU-en