



Berwick
BY YOUR SIDE

SAFETY DATA SHEET

Compilation date:

compiled according to Regulation (EC) No. 453/2010

11/02/2022

Revision:

4*

1. Identification of the Substance/Preparation and of the Company/Undertaking

1.1. Product identifier

Product form:

Mixture

Trade name:

GleemX DETAN Chlorinated Destaining Powder

Product group:

Trade product

Product code:

M4763

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

1.2.1. Relevant identified uses

Main use category:

Professional use

Function or use category:

Washing and cleaning products (including solvent based products).

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company Name:

Berwick Care Equipment Limited

Amethyst 2

Stafford Park 6

Telford

United Kingdom

TF3 3AT

Tel: 0845 38 111 38

2. Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Corr. 1B; H314

STOT SE 3; H335

EUH031.

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP)



Signal word (CLP):

DANGER

Hazard Statements (CLP): EUH031: Contact with acids liberates toxic gas.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

Precautionary Statements (CLP): P102 Keep out of reach of children.
P260 Do not breathe dust.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/ attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/ container in accordance with local regulations.

Supplemental label information EUH031 Contact with acids liberates toxic gas.
Contains DISODIUM METASILICATE, TROCLOSENE SODIUM, DIHYDRATE

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

2.3 Other Hazards

Other hazards not contributing to the classification: No presence of PBT and vPvB ingredients.

3. Composition/information on ingredients

Hazardous Ingredients:

Common Name	CAS No./ EC No.	Classification According to (EC) 1272/2008 (CLP)	Conc (%)
SODIUM CARBONATE <i>Reach No. 01-2119485498-XX</i>	497-19-8 207-838-8	Eye Irrit. 2, H319	10 - 30
SODIUM TROCLOSENE DIHYDRATE <i>REACH REG No: 01-2119489371-33- XXXX</i>	51580-86-0 220-767-7	Acute Tox. 4; H302 Eye Irrit. 2; H319 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH031	1 - 10
SODIUM SILICATE PENTAHYDRATE <i>Reach No. 01-2119449811-XX</i>	6834-92-0 229-912-9	Skin Corr. 1B: H314 STOT SE3, H335	1 - 10

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

4. First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if you feel unwell.

First-aid measures after skin contact: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention, and discontinue use of product.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
First-aid measures after ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Drink plenty of water. Seek medical attention.

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

General information

Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.

Inhalation

Inhalation of powder dust may result in burns to the mouth, nose and respiratory tract. Inhalation of mists or vapours of diluted product may result in soreness, irritation or burns to the mouth, nose and respiratory tract. If mixed with acid products Chlorine Gas may be evolved, this can result in irritation to eyes and difficulty in breathing. If inhaled this may result in irritation to the mouth nose and respiratory tract.

Ingestion

Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.

Skin contact

Irritating. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Eye contact May cause irritation to the eyes. May result in permanent eye damage.

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

Notes for the doctor

Rinse well with water to neutral pH. Check for abrasion to the surface of eyes.

5. Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

This product is non-combustible, if solutions of dissolved material are heated, irritating vapours may be formed. Contact with acids will generate toxic chlorine gas. This product is a dry powder. Concentrated solutions formed by dissolution in water will react with soft metals (Aluminium, Zinc and their Alloys) to form Hydrogen Gas. In contact with acids the solutions will form chlorine Gas.

5.3. Advice for firefighters

Protective actions during firefighting Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid the spillage or runoff entering drains, sewers or watercourses. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4. Reference to other sections

See sections 8,12 & 13 SECTION

7. Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Store between -10 and +40 Degrees C. Store away from the following materials: Acids.

7.3. Specific end use(s)

Detergent, refer to use instructions.

8. Exposure controls / personal protection

8.1. Control parameters

Sodium Carbonate (CAS 497-19-8)

DNEL/PNEC Values

DNEL/DMEL (Workers)

Long-term - local effects, inhalation 10 mg/m³

DNEL/DMEL (General population)

Acute - local effects, inhalation 10 mg/m³

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Ensure sufficient ventilation of the area.

8.2.2. Personal protective equipment

Hand protection:

Wear gloves during direct contact and hand-washing.

Eye protection:

Wear eye/face protection. Ensure eye bath is to hand.

Skin and body protection:

Wear protective clothing

Respiratory protection:

If dusts are created then a respiratory device with particle filter is recommended.

8.2.3. Environmental exposure controls:

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.

9. Physical and chemical properties

Appearance: White powder

Odour: Chlorine

pH (10% aqueous solution): ca. 11-12

Melting point: Not determined

Boiling point: Not determined

Flash point: Not combustible

Evaporation rate: Not determined

Flammability: Not combustible

Explosive properties: Non-Explosive

Oxidising properties: Not determined

Vapour pressure/density: Not determined

Relative density: ca. Not Determined

Water solubility: Soluble

Partition coefficient: Not determined

Auto ignition temperature: Not combustible

Decomposition temperature: Not determined

Viscosity: Not determined

10. Stability and reactivity

Reactivity

Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions. Highly concentrated solutions of this product in contact with soft metals such as Aluminium, Zinc and their alloys can produce Hydrogen Gas. Solutions of this product if mixed with acids may produce Toxic Chlorine Gas.

Stability:

Stable under normal conditions.

Conditions to avoid:

Heat.

Materials to avoid:

Strong oxidising agents. Strong acids. Soft metals

Do not mix with other cleaning products unless advised to do so by a professional from the industry.

11. Toxicological information

11.1 Information on toxicological effects

Acute Oral Toxicity:

May cause burns in mucous membranes, throat, oesophagus and stomach.

Acute Inhalation Toxicity:

Dusts may irritate throat and respiratory system and cause coughing.

Acute Dermal Toxicity:

Irritating/ damaging to skin

Skin Corrosion/Irritation:

May cause chemical burns of the skin. Prolonged contact may cause tissue damage.

Serious eye damage/eye irritation:

Causes burns. Risk of corneal damage. Visual disturbances including blurred vision.

Sensitisation:

Not expected to provoke a sensitisation reaction.

Repeated Dose Toxicity:

Not data available.

Assessment of STOT single exposure: No data available

Assessment of STOT repeated exposure: No data available

Risk of Aspiration Toxicity: No data available

Sodium Carbonate (CAS 497-19-8)

LD50 oral rat 2800 mg/kg

LD50 dermal rabbit 2001 mg/kg

ATE CLP (oral) 2800 mg/kg bodyweight

ATE CLP (dermal) 2001 mg/kg bodyweight

12. Ecological information

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Mobility in soil: Not determined.

13. Disposal considerations

Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.

14. Transport information

UN No: None

Classification: Not classified as hazardous for transport.

UN proper shipping name: None

Transport hazard class: Not subject to ADR/IATA/IMDG/RID codes.

Packing group: None

Environmental hazards: None

Special precautions for user: None

15. Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions. Contains no substance on the REACH candidate list

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. Other information

Usage and handling instructions are not mentioned on this Material Safety Data Sheet. The labelling of the product is indicated in Section 2.2.

The full text of the H- and EUH-phrases indicated in this safety data sheet are as follows:

EUH031	Contact with acids liberates toxic gas
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

The information given has been compiled with reference to the Chemicals (Hazard Information & Packaging For Supply) Regulations (CHIP4) 2009 as amended, the Registration, Evaluation, Authorisation & Restriction of Chemicals (REACH) Regulations, as amended, the Control of Substances Hazardous to Health Regulations (COSHH) 2002, as amended, and Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. This information also harmonises the provisions and criteria for the classification and labelling of substances, mixtures and certain specific articles within the Community, taking into account the classification criteria and labelling rules of the GHS.

* Version History - Reason for Revision:

1. Add Classification According to (EC) 1272/2008 (CLP)
2. Remove Classification According to Directive 67/548/EEC or 1999/45/EC.
3. Update Reach Registration Nos. in section 3. Update Supplier Address.

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.