
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: BOUTAFOAM
- Product Part Number: 127-2

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

- Use of the substance/mixture: Field marking foam

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Portek Ltd,
- Address of Supplier: Bryn Hall, Knolton Bryn,
Overton on Dee, Wrexham. LL13 0LF.
- Telephone: 01234 889454
- Responsible Person: Steve Morris
- Email: sales@portek.co.uk

1.4 Emergency telephone number

- Emergency Telephone: Between 9am-5pm 01234 889454

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3

2.2 Label elements



- Signal Word: Danger
- Hazard statements
 - H315 - Causes skin irritation.
 - H318 - Causes serious eye damage.
 - H412 - Harmful to aquatic life with long lasting effects.
- Precautionary statements
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 - Immediately call a POISON CENTER or doctor/physician.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

SECTION 3 Composition/information on ingredients

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

3.1 Substances

- Alcohols, C12-14, ethoxylated, sulfates, sodium salts
REACH Registration Number:
CAS Number: 68891-38-3
EC Number: 500-234-8
Symbols: GHS05
Concentration: < 25%
H Statements: H318, H315, H412
Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3
- BUTYL GLYCOL
REACH Registration Number:
CAS Number: 111-76-2
EC Number: 203-905-0
Symbols: GHS07
Concentration: < 10%
H Statements: H302, H312, H315, H319, H332
Categories: Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2
- Terasodium [1-hydroxyethylethylidene] bisphosphonate
REACH Registration Number:
CAS Number: 3794-83-0
EC Number: 223-267-7
Symbols: GHS07
Concentration: < 3.3%
H Statements: H319 H302
Categories: Acute Tox. 4, Eye Irrit. 2
- 2-{2-BUTOXYETHOXY}ETHANOL
REACH Registration Number:
CAS Number: 112-34-56
EC Number: 203-961-6
Symbols: GHS07
Concentration: < 2%
H Statements: H319
Categories: Eye Irrit. 2
- Tetradecan -1- OL
REACH Registration Number:
CAS Number: 112-72-1
EC Number: 204-000-3
Symbols: GHS 07, GHS09
Concentration: < 1%
H Statements: H318, H410
Categories: Eye Irrit. 2, Aquatic Chronic 1
- Dodecan-1- OL
REACH Registration Number:
CAS Number: 112-53-8

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

EC Number: 203-982-0

Symbols: GHS07, GHS09

Concentration: < 2%

H Statements: H319,H400

Categories: Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2

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

- P362 - Take off contaminated clothing.
- Contact with eyes
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
- Ingestion
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- Inhalation
P341 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin

4.3 Indication of any immediate medical attention and special treatment needed

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
 - P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 - P310 - Immediately call a POISON CENTER or doctor/physician.
-

SECTION 5 Fire-fighting 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

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
 - Prevent run off water from entering drains if possible
-

SECTION 6 Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6 Accidental release measures (....)

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Small spillages should be diluted with lots of water, larger spillages should be absorbed with inert material.

6.3 Methods and material for containment and cleaning up

- Small spillages should be diluted with lots of water, larger spillages should be absorbed with inert material.

6.4 Reference to other sections

SECTION 7 Handling and storage**7.1 Precautions for safe handling**

- Wear protective clothing as per section 8

7.2 Conditions for safe storage, including any incompatibilities

- No special requirements

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2

SECTION 8 Exposure controls/personal protection**8.1 Control parameters**

- WEL: Work exposure limit
- BUTYL GLYCOL
 - DNEL [dermal] short term industry 89 mg/m²
 - DNEL [inhalation] long term industry 663 mg/m³
 - WEL (short term) 50 mg/m³
 - WEL (long term) 25 mg/m³
- 2-{2-BUTOXYETHOXY}ETHANOL
 - WEL (short term) 101.2 mg/m³

8.2 Exposure controls

- Engineering measures:
 - Ensure adequate ventilation
- Eye/face protection:
 - Wear goggles to minimum standard of BS EN 166 1BT.
- Hand protection:
 - Wear gloves giving protection to minimum standard of BS EN 388:1994
- Skin protection:
 - Wear apron or other light protective clothing
- Respiratory protection:
 - Wear approved respirator if exposure likely to exceed MEL/OES
- Other protection:
 - None
- Environmental exposure controls:

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Blue liquid
- Odour: Glycol
- pH: 7 to 8 at 100 % concentration
- Flashpoint: Not applicable
- Density: 1.03 at 20 deg C
- Solubility: Soluble in water

9.2 Other information

SECTION 10 Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- 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

- No special requirements

10.5 Incompatible materials

- None known

10.6 Hazardous Decomposition Products

- Under fire conditions: Hazardous gases may be given off.
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Ingestion:
Ingestion of significant quantities may cause harm
- Serious eye damage/Irritation:
Can cause damage to the eyes
- Skin Corrosion/Irritation:
Constant and repeated contact may cause skin to dry out causing redness and irritation.
- Inhalation:
In cases of severe exposure, breathing difficulty may develop
- Other Health Effects
Non known
- Toxicological information on ingredients:
- BUTYL GLYCOL
LD50 (oral, rat) > 200 - < 2000 mg/kg
LC50 [inhalation, rat] 2.21 -2.39 mg/l/4h

SECTION 11 Toxicological information (....)

- 2-{2-BUTOXYETHOXY}ETHANOL
LD50 (oral,rat) 4500 mg/kg
LD50 (skin,rabbit) 27064 mg/kg
 - Alcohols,C12-14,ethoxylated,sulfates,sodium salts
LD50 (oral,rat) 4100 mg/kg
LD50 (skin,rabbit) > 2000 mg/kg
 - Terasodium [1-hydroxyethylethylidene] bisphosphonate
LD50 (oral,rat) > 2000 mg/kg
 - Dodecan-1- OL
LD50 (oral,rat) >2000 mg/kg
LD50 (skin,rabbit) 800-1200 mg/kg
 - Tetradecan -1- OL
LD50 (oral,rat) 1080 mg/kg
LD50 (skin,rabbit) 200- mg/kg
-

SECTION 12 Ecological information

Ecological information on ingredients:

12.1 Toxicity

- Alcohols,C12-14,ethoxylated,sulfates,sodium salts
IC50 (algae) 27.7 mg/l (72 hr)
EC50 (daphnia) 7.4 mg/l (48 hr)
LC50 (fish) 7.1 mg/l (96 hr)
- BUTYL GLYCOL
IC50 (algae) 1840 mg/l (72 hr)
EC50 (daphnia) 835-1550 mg/l (48 hr)
LC50 (fish) 1840 mg/l (96 hr)
- Terasodium [1-hydroxyethylethylidene] bisphosphonate
IC50 (algae) >100 mg/l (72 hr)
EC50 (daphnia) >100 mg/l (48 hr)
LC50 (fish) >100 mg/l (96 hr)
- 2-{2-BUTOXYETHOXY}ETHANOL
IC50 (algae) >100 mg/l (72 hr)
EC50 (daphnia) >100 mg/l (48 hr)
LC50 (fish) >100 mg/l (96 hr)
- Tetradecan -1- OL
IC50 (algae) 10 mg/l (72 hr)
EC50 (daphnia) 3.2 mg/l (48 hr)
LC50 (fish) 0.9 mg/l (96 hr)
- Dodecan-1- OL
IC50 (algae) 0.66 mg/l (72 hr)
EC50 (daphnia) 0.765 mg/l (48 hr)
LC50 (fish) >1 mg/l (96 hr)

12.2 Persistence and degradability

SECTION 12 Ecological information (....)

- 2-{2-BUTOXYETHOXY}ETHANOL
Readily biodegradable
- Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Readily biodegradable
- BUTYL GLYCOL
Readily biodegradable
- Terasodium [1-hydroxyethylethylidene] bisphosphonate
22.9% Read across data on etidronic acid; similar to OECD 301 D; BOD5
100/COD; aerobic; activated sludge, domestic, non-adapted; 5 d
- Dodecan-1- OL
Not readily biodegradable
- Tetradecan -1- OL
Not readily biodegradable

12.3 Bioaccumulation Potential

- This product does not contain any substance expected to be bioaccumulating.

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 Other Adverse Effects

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

- Disposal should be in accordance with local, state or national legislation
- Triple rinse drums prior to recycling or disposal

SECTION 14 Transport information**14.1 UN 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**14.6 Special precautions for user****14.7 Transport in bulk according to Annex II of MARPOL and the IBC code**

SECTION 15 Regulatory information

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

- Directive 67/548/EEC, Directive 1999/45/EC.
- Regulation [EC] No 1272/2008
- Any surfactants used in this product complies with the biodegradation 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 of the detergent manufacturer.

15.2 Chemical Safety Assessment

- No chemical safety assessment has been carried out.

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H312: Harmful in contact with skin. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

DNEL: Derived no effect level. PNEC: Predicted no effect concentration.

The information provided on this safety data sheet is correct to our knowledge at the date of this revision.

The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this safety data sheet relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.