



## MATERIALSAFETY DATA SHEET SUPERSOAK SNOW FOAM

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

#### 1.1. Product identifier

Product name                      SUPER SOAK SNOW FOAM

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

Uses advised against        No specific uses advised against are identified.

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

Supplier                              ELEMENTS

#### 1.4. Emergency telephone number

Emergency telephone        +44 (0)1444 237 710 (Mon-Fri 8:00am-5:00pm GMT)

National emergency telephone +44 (0)870 600 6266 [UK National Poisons Control Information Service (NPIS) Center] number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>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/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
UFI	UFI: T6E0-80YN-1007-X07J
Contains	alcohols, C12-14, ethoxylated, sulfates, sodium salts, C8-18 (even numbered) Alkylamidopropylbetain, alcohol ethoxylate C9-11
Detergent Labelling	Contains amongst other ingredients: 5 - 15% anionic surfactant , <5% non-ionic surfactants , <5% amphoteric surfactants , Preservatives: 1,2-benzisothiazol-3(2H)-one (BIT) , 2-Methyl1,2-thiazol-3(2H)-one (MIT) .

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

2-butoxyethanol	10-30%
CAS number: 111-76-2	EC number: 203-905-0
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
alcohols, C12-14, ethoxylated, sulfates, sodium salts	5-10%
CAS number: 68891-38-3	EC number: 500-234-8

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Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38	
1Propanaminium, 3-amino-N(carboxymethyl)-N,Ndimethyl-, NC8-18(even numbered) acyl derivs., hydroxides, inner salts CAS number: 97862-59-4                      EC number: 931-296-8		1- 5%
Classification Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R41. R52/53	
alcohol ethoxylate C9-11 CAS number: 68439-46-3                      EC number: 614-482-0		1- 5%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318		
DODECAN-1-OL CAS number: 112-53-8 M factor (Acute) = 1		<1%
Classification Eye Irrit. 2 - H319 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		
TETRADECAN-1-OL CAS number: 112-72-1 M factor (Chronic) = 1		<1%
Classification Eye Irrit. 2 - H319 Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

General information	If in doubt, get medical attention promptly.
Inhalation	Get medical attention if any discomfort continues.

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Ingestion	Give plenty of water to drink. Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water.
Eye contact	Remove affected person from source of contamination. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
Inhalation	May cause discomfort. A single exposure may cause the following adverse effects: Irritation of nose, throat and airway.
Ingestion	May cause discomfort if swallowed. A single exposure may cause the following adverse effects: Irritation. Nausea, vomiting.
Skin contact	May cause discomfort. May be slightly irritating to skin and eyes. A single exposure may cause the following adverse effects: Irritation. Prolonged and frequent contact may cause redness and irritation.
Eye contact	A single exposure may cause the following adverse effects: Irritation. Prolonged or repeated exposure may cause severe irritation.

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

Notes for the doctor	Treat symptomatically.
Specific treatments	Not applicable.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards	The product is non-combustible. None known.
Hazardous combustion products	None known. Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### 5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment incidents. for firefighters	Firefighter's clothing will provide a basic level of protection for chemical incidents. for firefighters

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions      Avoid contact with eyes and prolonged skin contact.

### 6.2. Environmental precautions

Environmental precautions      No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up      Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

Reference to other sections      For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions      Avoid contact with eyes and prolonged skin contact.

Advice on general occupational hygiene      Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions      Keep only in the original container. Keep container tightly closed in a cool place.

### 7.3. Specific end use(s)

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 Occupational exposure limits

2-butoxyethanol

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m<sup>3</sup>

Sk

Sk = Can be absorbed through the skin.

#### 2-butoxyethanol (CAS: 111-76-2)

Ingredient comments	WEL = Workplace Exposure Limit
DNEL	Industry - Dermal; Short term systemic effects: 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 1091 mg/m <sup>3</sup> Industry - Inhalation; Short term local effects: 246 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 125 mg/kg/day Industry - Inhalation; Long term systemic effects: 98 mg/m <sup>3</sup> Consumer - Inhalation; Short term systemic effects: 426 mg/m <sup>3</sup> Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day Consumer - Dermal; Short term systemic effects: 89 mg/kg/day

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	Consumer - Dermal; Long term systemic effects: 75 mg/kg/day
	Consumer - Inhalation; Long term local effects: 147 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 59 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day
PNEC	Fresh water; 8.8 mg/l marine water; 0.88 mg/l Sediment (Freshwater); 8.14 mg/kg Sediment (Marinewater); 3.46 mg/kg Soil; 2.8 mg/kg STP; 463 mg/l
	<u>alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)</u>
DNEL	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 15 mg/kg/day General population - Dermal; Long term systemic effects: 1650 mg/kg/day General population - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup>
PNEC	Fresh water; 0.24 mg/l marine water; 0.024 mg/l Intermittent release; 0.071 mg/l Sediment (Freshwater); 5.45 mg/kg Sediment (Marinewater); 0.545 mg/kg Soil; 0.946 mg/kg STP; 10 000 mg/l

### 8.2. Exposure controls

#### Protective equipment



Appropriate engineering controls

Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Contact lenses should not be worn when working with this chemical. Chemical splash goggles.

Hand protection

Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse.

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Respiratory protection	No specific recommendations.
Environmental exposure controls	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

<u>9.1. Information on basic physical and chemical properties</u>	
<u>physi</u>	Colourless liquid.
Appearance	
Colour	Clear.
pH	pH (concentrated solution): 8 - 9
Melting point	0°C
Flash point	This product does not sustain combustion.
Relative density	1.03
Solubility(ies)	Soluble in water.
<u>9.2. Other information</u>	

### SECTION 10: Stability and reactivity

<u>10.1. Reactivity</u>	
Reactivity	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability</u>	
Stability	Stable at normal ambient temperatures and when used as recommended.
<u>10.3. Possibility of hazardous reactions</u>	
Possibility of hazardous	None known. reactions
<u>10.4. Conditions to avoid</u>	
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
<u>10.5. Incompatible materials</u>	
Materials to avoid	Strong oxidising agents. Strong reducing agents.
<u>10.6. Hazardous decomposition products</u>	
Hazardous decomposition	May emit toxic fumes under fire conditions. products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 6,435.64

##### Acute toxicity - dermal

ATE dermal (mg/kg) 7,333.33

##### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 73.33

Inhalation Vapours may irritate throat/respiratory system.

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Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May cause irritation.

### Toxicological information on ingredients. alcohols, C12-14, ethoxylated, sulfates, sodium salts

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 2,000.0  
mg/kg)

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0  
mg/kg)

Species Rat

### SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

Toxicity Not applicable.

### Ecological information on ingredients. alcohols, C12-14, ethoxylated, sulfates, sodium salts

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, : 7.1 mg/l, Fish

Acute toxicity - aquatic EC<sub>50</sub>, : 7.4 mg/l, Daphnia magna

invertebrates NOEC, : 0.27 mg/l, Daphnia magna

Acute toxicity - aquatic EC<sub>50</sub>, : 27.7 mg/l, Algae plants

#### 12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

#### 12.4. Mobility in soil

Mobility The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment 12.6. Other adverse effects

Other adverse effects None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).



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### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to      Not  
applicable. Annex II of MARPOL 73/78 and  
the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

General information	Only trained personnel should use this material.
Issued by	HS&E Manager.
Revision date	20/08/22
Revision	4
Supersedes date	03/09/2020
SDS number	9267
Hazard statements in full	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. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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Code

Other Information

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.