



**SAFETY DATA SHEET
SNOW FOAM**

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

1.1. Product identifier

Product name 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 Ultimotive
4 Altbarn Close
Severalls Business Park
Colchester
Essex
CO4 9HY
+44 (0)1206 855232
info@ultimotive.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1206 855232 (Mon-Fri 9:00am-5:00pm GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

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

2.2. Label elements

Pictogram



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.</p> <p>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>
Contains	<p>alcohols, C12-14, ethoxylated, sulfates, sodium salts, C8-18 (even numbered)</p> <p>Alkylamidopropylbetain, alcohol ethoxylate C9-11</p>
Detergent Labelling	<p>5 - 15% anionic surfactant</p> <p><5% non-ionic surfactants</p> <p><5% amphoteric surfactants</p> <p>Preservatives: 1,2-benzisothiazol-3(2H)-one (BIT) 2-Methyl-1,2-thiazol-3(2H)-one (MIT)</p> <p>Perfume</p>

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	REACH registration number: 01-2119475108-36-XXXX
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	REACH registration number: 01-2119488639-16-0020
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38	
C8-18 (even numbered) Alkylamidopropylbetain 1-5%		
CAS number: —	EC number: 931-296-8	REACH registration number: 01-2119488533-30-XXXX
Classification Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R41. R52/53	

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alcohol ethoxylate C9-11	1-5%
CAS number: 68439-46-3	EC number: 614-482-0
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
DODECAN-1-OL	<1%
CAS number: 112-53-8	REACH registration number: 01-2119485976-15-XXXX
M factor (Acute) = 1	
Classification	
Eye Irrit. 2 - H319	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	
TETRADECAN-1-OL	<1%
CAS number: 112-72-1	REACH registration number: 01-2119485910-33-XXXX
M factor (Chronic) = 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.
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.

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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 for firefighters	Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with eyes and prolonged skin contact.
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6.2. Environmental precautions

Environmental precautions	No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.
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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.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid contact with eyes and prolonged skin contact.
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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/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

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 ³ Industry - Inhalation; Short term local effects: 246 mg/m ³ Industry - Dermal; Long term systemic effects: 125 mg/kg/day Industry - Inhalation; Long term systemic effects: 98 mg/m ³ Consumer - Inhalation; Short term systemic effects: 426 mg/m ³ Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day Consumer - Dermal; Short term systemic effects: 89 mg/kg/day Consumer - Dermal; Long term systemic effects: 75 mg/kg/day Consumer - Inhalation; Long term local effects: 147 mg/m ³ Consumer - Inhalation; Long term systemic effects: 59 mg/m ³ 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

alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3)

DNEL	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Workers - Inhalation; Long term systemic effects: 175 mg/m ³ 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 ³
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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, gloves should comply with European Standard EN374.

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.

Respiratory protection

No specific recommendations.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured gel.
Colour	Yellow.
pH	pH (concentrated solution): 8
Melting point	0°C
Flash point	This product does not sustain combustion.
Relative density	1.03
Solubility(ies)	Soluble in water.
Viscosity	Viscous.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

There are no known reactivity hazards associated with this product.

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10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products May emit toxic fumes under fire conditions.

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.

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 (LD₅₀ mg/kg) 2,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rat

SECTION 12: Ecological Information

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

12.1. Toxicity

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Toxicity Not applicable.

Ecological information on ingredients.

alcohols, C12-14, ethoxylated, sulfates, sodium salts

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , : 7.1 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , : 7.4 mg/l, Daphnia magna NOEC, : 0.27 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , : 27.7 mg/l, Algae

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).

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.

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

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

SECTION 15: Regulatory information

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

EU legislation 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 (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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	05/02/2019
Revision	1
SDS number	7575
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.

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.