

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

1.1. Product identifier

Product form : Mixture
 Product name : Cherry Snowfoam
 UFI Number : 6V9V-SNF4-7U11-H8CX

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

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Consumer use
 Industrial/Professional use spec : Industrial
 For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

FlowChemUK Limited
 Block B, Mark Street Industrial Estate
 NG10 5AD - United Kingdom
 T +44 333 733 1541
 sales@flowchemuk.com - www.flowchemuk.com

1.4. Emergency telephone number

Emergency number : 0844 892 0111

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Corr. 1B H314

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

C; R34

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
 Hazardous ingredients : sodium hydroxide, caustic soda
 Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage
 Precautionary statements (CLP) : P102 - Keep out of reach of children
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray
 P264 - Wash ... thoroughly after handling
 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

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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

P310 - Immediately call a POISON CENTER/doctor/...

P321 - Specific treatment (see ... on this label)

P363 - Wash contaminated clothing before reuse

P405 - Store locked up

P501 - Dispose of contents/container to ...

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according to Regulation (EC) No. 453/2010

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Sodium Lauryl Ether Sulphate	(CAS No) 13150-00-0	3 - 8	Xi; R36/38
sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate	(CAS No) 14960-06-6 (EC no) 239-032-7	1.25 - 4.2	Xi; R41
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	1.005 - 4.095	C; R35
Coconut Diethanolamine	(CAS No) 8051-30-7	0.7 - 3.6	Xi; R36/38
Glycerine	(CAS No) 56-81-5 (EC no) 200-289-5	> 2.97	Not classified
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6 (EC index no) 612-140-00-5	0 - 1.5	Xn; R21/22 C; R34 N; R50
trisodium nitrilotriacetate	(CAS No) 5064-31-3 (EC no) 225-768-6 (EC index no) 607-620-00-6	0.15 - 1.25	Carc. Cat. 3; R40 Xn; R22 Xi; R36
ALCOHOL ETHOXYLATE WITH 9MEO	(CAS No) 68439-45-2	> 0.8	Xn; R22 Xi; R41
Diethanolamine		0.01 - 0.6	Xn; R22 Xn; R48/22 Xi; R41 Xi; R38
sodium acrylate	(CAS No) 7446-81-3 (EC no) 231-209-7	0.05 - 0.35	N; R50

Name	Product identifier	Specific concentration limits
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	(0.5 =< C < 2) Xi; R36/38 (2 =< C < 5) C; R34 (5 =< C) C; R35
trisodium nitrilotriacetate	(CAS No) 5064-31-3 (EC no) 225-768-6 (EC index no) 607-620-00-6	(5 =< C) Carc. Cat. 3; R40

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Lauryl Ether Sulphate	(CAS No) 13150-00-0	3 - 8	Skin Irrit. 2, H315 Eye Irrit. 2, H319
sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate	(CAS No) 14960-06-6 (EC no) 239-032-7	1.25 - 4.2	Eye Dam. 1, H318
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	1.005 - 4.095	Skin Corr. 1A, H314
Coconut Diethanolamine	(CAS No) 8051-30-7	0.7 - 3.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Glycerine	(CAS No) 56-81-5 (EC no) 200-289-5	> 2.97	Not classified
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6 (EC index no) 612-140-00-5	0 - 1.5	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400
trisodium nitrilotriacetate	(CAS No) 5064-31-3 (EC no) 225-768-6 (EC index no) 607-620-00-6	0.15 - 1.25	Carc. 2, H351 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
ALCOHOL ETHOXYLATE WITH 9MEO	(CAS No) 68439-45-2	> 0.8	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Diethanolamine		0.01 - 0.6	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium acrylate	(CAS No) 7446-81-3 (EC no) 231-209-7	0.05 - 0.35	Aquatic Acute 1, H400
Name	Product identifier	Specific concentration limits	
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	(0.5 =< C < 2) Eye Irrit. 2, H319 (0.5 =< C < 2) Skin Irrit. 2, H315 (2 =< C < 5) Skin Corr. 1B, H314 (5 =< C) Skin Corr. 1A, H314	
trisodium nitrilotriacetate	(CAS No) 5064-31-3 (EC no) 225-768-6 (EC index no) 607-620-00-6	(5 =< C) Carc. 2, H351	

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries	: Causes severe skin burns and eye damage.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash ... thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Directsunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide, caustic soda (1310-73-2)		
EU	IOELV STEL (mg/m ³)	2 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	2 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³

Glycerine (56-81-5)		
EU	IOELV TWA (mg/m ³)	10 mg/m ³ (EH40 WEL, Time Weighted Average (TWA))

8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or face shield.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear appropriate mask.
- Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Red liquid.
- Colour : Red.
- Odour : characteristic.
- Odour threshold : No data available
- pH : 13.4
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : 100 °C
- Flash point : Not Applicable
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Non flammable
- Vapour pressure : No data available

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Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.18 g/l
Solubility	: Soluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Glycerine (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	≥ 10000 mg/kg
ALCOHOL ETHOXYLATE WITH 9MEO (68439-45-2)	
LD50 oral rat	> 200 - 2000 mg/kg
ATE (oral)	200.000 mg/kg bodyweight
trisodium nitrilotriacetate (5064-31-3)	
LD50 oral rat	1 - 2 g/kg
ATE (oral)	500.000 mg/kg
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)	
ATE (oral)	500.000 mg/kg
ATE (dermal)	1100.000 mg/kg

Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 13.4
Serious eye damage/irritation	: Eye damage, category 1, implicit pH: 13.4
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met

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Germ cell mutagenicity	:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	:	Notclassified Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

sodium hydroxide, caustic soda (1310-73-2)	
LC50 fishes 1	125 mg/l <i>Gambusia affinis</i>
EC50 Daphnia 1	76 mg/l (<i>Daphnia magna</i> ; 24 h)
LC50 fish 2	145 mg/l (<i>Poecilia reticulata</i> ; 24 h)

Glycerine (56-81-5)	
LC50 fishes 1	54000 mg/l (<i>Oncorhynchus mykiss</i> ; 96 hours)
LC50 other aquatic organisms 1	(<i>Daphnia magna</i> ; 24 hours)
EC50 Daphnia 1	≥ 10000 mg/l
EC50 other aquatic organisms 1	≥ 1000 mg/l (activated sludge) (Toxicity to bacteria)

trisodium nitrilotriacetate (5064-31-3)	
LC50 fishes 1	≥ 100 mg/l (96 hours)
EC50 Daphnia 1	≥ 100 mg/l (48 hours)

12.2. Persistence and degradability

Snowfoam	
Persistence and degradability	Not established.

Glycerine (56-81-5)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	0.87 g O ₂ /g substance
Chemical oxygen demand (COD)	1.16 g O ₂ /g substance
Biodegradation	82 % (Exposure Time: 20 d)

trisodium nitrilotriacetate (5064-31-3)	
Biodegradation	92 %

12.3. Bioaccumulative potential

Snowfoam	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Other adverse effects

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

No dangerous good in sense of transport regulations

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Inland waterway transport

No additional information available

14.7. 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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Seveso Information :

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : 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.

Other information : None.

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Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H312	Harmful in contactwith skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
R21/22	Harmful in contactwith skin and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R35	Causes severe burns
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R40	Limited evidence of a carcinogenic effect
R41	Risk of serious damage to eyes
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
R50	Very toxic to aquatic organisms
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product