

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MIXTURE AND COMPANY

- 1.1** Structure Smoothshock
- 1.1.1 Product Reference**
HDR311296
- 1.2** The mixture is used as a Personal Care Product.
- 1.3 Manufacturer/Distributor :**
Swallowfield plc
Station Road
Wellington
Somerset
TA21 8NL
UK
- 1.4 Emergency Telephone :**
+44 (0) 1823 652 333 (24 hours)
email :
sales@swallowfield.com

SECTION 2: HAZARD IDENTIFICATION

- 2.1 Classification of the mixture**
- Classification (Regulation (EC) No 1272/2008)**
- Non Flammable Aerosol Category 3,
- 2.2 Label elements**
- Labelling (REGULATION (EC) No 1272/2008)**
- Pictogram**
None
- Signal Word**
Warning
- Hazard statement**
H229 Pressurised container: May burst if heated
- Precautionary Statements**
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.
P251 Do not pierce or burn, even after use.

P410 + 412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

2.3 Supplemental Hazard Statements

8.506% by mass of the contents are flammable

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Ingredient Name	Cas Number	% (W/W)	Classification To 1272/2008 & Hazard phrases
Propane	74-98-6	>1.0% - ≤ 5.0%	Flammable Gases Category 1, H220
Butane	106-97-8	>1.0% - ≤ 5.0%	Flammable Gases Category 1, H220
Isobutane	75-28-5	>1.0% - ≤ 5.0%	Flammable Gases Category 1, H220
Cetrimonium Chloride	112-02-7	>0.1% - ≤ 1.0%	Acute Toxicity Oral Category 3, H301 Skin Irritation Category 2, H315 Eye Irritation Category 1, H318 STOT Category 3, H335 Acute Aquatic Category 1, H400
Phenoxyethanol	122-99-6	>0.1% - ≤ 1.0%	Acute Toxicity Oral Category 4, H302 Eye Irritation Category 2, H319
Isopropyl Alcohol	67-63-0	>0.1% - ≤ 1.0%	Flammable Liquid Category 2, H225 Eye Irritation Category 2, H319 STOT Category 3, H336
Oleth-20	9004-98-2	>0.1% - ≤ 1.0%	Skin Irritation Category 2, H315 Eye Irritation Category 2, H319 Aquatic Chronic Category 2, H411
Parfum (Fragrance)	-	>0.1% - ≤ 1.0%	Skin Irritation Category 2, H315 Skin Sensitiser Category 1, H317 Aquatic Chronic Category 2, H411
Chlorphenesin	104-29-0	>0.1% - ≤ 1.0%	Acute Toxicity Oral Category 4, H302 Acute Toxicity - Dermal Category 4, H312 Skin Irritation Category 2, H315 Eye Irritation Category 2, H319 Acute Toxicity (Inhalation) Category 4, H332 STOT SE 3, H335
Glycerin	56-81-5	>0.01% - ≤ 0.1%	-
Sodium Hydroxide	1310-73-2	>0.001% - ≤ 0.01%	Skin Corrosion Category 1A, H314

For the full text of the H- & P-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 First Aid Instructions

General : If symptoms persist, call a Doctor.

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Structure Smoothshock
Issue 1

Ref. : **HDR311296**
Reason : New

26/09/18

Eyes : If this product comes in contact with eyes: Wash out immediately with water. If irritation continues seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin : If skin or hair contact occurs: Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Ingestion : Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Inhalation : If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

4.2 Symptoms and effects, both acute and delayed

Inhaled: The material may produce adverse health effects or irritation of the respiratory tract. Good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion: Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.

Skin Contact: The material may produce adverse health effects or skin irritation following contact (as classified by EC Directives). Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye: Direct contact with the eye may produce irritation characterised by tearing or conjunctival redness (as with windburn).

Chronic: Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives); nevertheless, exposure by all routes should be minimised as a matter of course.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable : Water spray jet, powder, foam, carbon dioxide.

Unsuitable : No full water jet.

5.2 Special Hazards

Heat causes increase in pressure and risk of bursting.

If heated to decomposition may release CO_x and complex hydrocarbons.

Be aware of possible violent rupture of containers involved in fire.

5.3 Advice to firefighters

Cool endangered containers or product with water spray jet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions :

Wear appropriate protective clothing.
Wear respiratory protection.
Eliminate all sources of ignition.

6.2 Environmental Precautions

Spill Into Atmosphere: Knock down product vapours and mists with water spray jet.

Environmental Precautions: Prevent the material from entering drains or water courses.
Advise authorities if spillage has entered water course or sewer.

6.3 Methods and materials for containment and cleaning up

Spill response: Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes.

7.2 Conditions for safe storage

Storage area should be dry, well ventilated and cool.
Store away from sources of heat / ignition.
Product must be stored below 50°C.
Storage and transfer equipment should be adequately earthed and bonded to prevent the accumulation of static charges.

7.3 Specific end use

Product is designed as a Personal Care Product for home use and is safe when used in accordance with manufacturer's instructions.

SECTION 8: CONTROL PARAMETERS

8.1 Control Parameters

Components with workplace control parameters:

UK EH40 WEL

Component	Cas No.	Workplace Exposure Limits			
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15 minute reference period)	
		ppm	mg.g ⁻³	ppm	mg.m ⁻³
Butane	106-97-8	600	1450	750	1810
Glycerin, mist	56-81-5	-	10	-	-
Propan-2-ol	67-63-0	400	999	500	1250
Sodium Hydroxide	1310-73-2	-	-	-	2

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

Ventilation : Keep area well ventilated.

8.2.2 Personal Protection:

Eye Protection : Keep eyes protected from direct exposure.

Skin Protection : Minimal risk of harm through skin contact.

Respiratory Protection : Respiratory protection if there is a risk of exposure to high vapour concentrations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

(a) Appearance	Aerosol
(b) Colour	As standard
(c) Odour	As standard
(d) Odour threshold	Not determined
(e) pH	Not determined
(f) Melting Point	Not determined
(g) Initial Boiling Point and boiling range	Not determined
(h) Flash Point	Not determined
(i) Evaporation rate	Not Applicable
(j) Flammability	Non Flammable
(k) Upper/lower flammability or explosive limits	Not determined
(l) Vapour pressure	Not determined
(m) Vapour density	Not determined
(n) Specific gravity @20°C	Not determined
(o) Solubility	Not determined
(p) Partition coefficient n-octanol/water	Not Applicable
(q) Auto-ignition temperature	Not Applicable
(r) Decomposition temperature	Not determined
(s) Viscosity	Not determined
(t) Solids content	Not determined
(u) Water	Not determined

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Mixture is not reactive

10.2 Chemical stability

Mixture is stable under normal conditions

10.3 Possibility of hazardous reactions

Mixture is unlikely to undergo any hazardous reactions

10.4 Conditions to avoid

Heat causes increase in pressure and risk of bursting.
Pressurised container : protect from sunlight and do not expose to temperatures above 50°C.
Do not pierce or burn, even after use.

10.5 Incompatible materials

Strong acids or alkalis
Oxidising agents

10.6 Hazardous decomposition products

Oxides of carbon
Complex hydrocarbons

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Not determined

Skin corrosion/irritation

Not determined

Serious eye damage/eye irritation

Not determined

Respiratory or skin sensitisation

Not determined

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeat exposure

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish

Mortality LC50 - Salmo gairdneri - not determined
Method OECD Test Guideline 203

Toxicity to Daphnia and other aquatic invertebrates

Immobilisation EC50 - Daphnia magna (Water flea) - not determined

12.2 Persistence and degradability

Biodegradability Biotic/Aerobic - not determined.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Biochemical Oxygen Demand (BOD) Not determined

Chemical Oxygen Demand (COD) Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Dispose of in accordance with local regulations.

Waste code of container with content: 160505

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - UN1950 IMDG: - UN1950 IATA: - UN1950

14.2 UN proper shipping name

ADR/RID: AEROSOLS, asphyxiant

IMDG: AEROSOLS, asphyxiant

IATA: AEROSOLS, non-flammable

14.3 Transport hazard class(es)

ADR/RID: - 2 IMDG: - 2 IATA: - 2.2

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008

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

Aerosol Dispenser Directive - 2008/47/EC

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

Pictogram

None

Signal Word

Warning

Hazard statements

- H220 Extremely flammable gas
- H225 Highly flammable liquid and vapour
- H229 Pressurised container : May burst if heated
- H301 Toxic if swallowed
- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H400 Very toxic to aquatic life
- H411 Toxic to aquatic life with long-lasting effects

Precautionary Statements

- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.
- P251 Do not pierce or burn, even after use.
- P410 + 412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Supplemental Hazard Statements

8.506% by mass of the contents are flammable

Reference No: HDR325122

Signed: 

Mark Richard Bowes-Cavanagh BSc (Hons) App. Chem CSci CChem MRSC

Date: 26 September 2018

Notice to reader

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