

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

Version: 1 Revision Date: 18.05.2020

BLITZ FOAMCLENS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: *Blitz Foamclens*
Product Code: *BLIT01*

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

This product is primarily use is upholstery cleaner PC35, washing and cleaning products

1.3 Details of the supplier of the safety data sheet

Company: **CHAUCER SOLUTIONS LIMITED**
Address: *Beodric House
5 Boldero Road
Bury St. Edmunds
Suffolk
IP32 7BS
United Kingdom*
Telephone: *+ 44 (0) 1767 677445*
E-mail: *admin@chaucersolutions.co.uk*

1.4 Emergency telephone number

+ 44 (0) 1767 677445 (Only available during office hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (according to Regulation (EC) No. 1272/2008):

Flammable Aerosols Category 1

Flammable Aerosols Category 2

Eye Irritation Category 2

H222: Extremely flammable aerosol

H229: Pressurised container: may burst if heated

H319: Causes serious eye irritation

2.2 Label elements

REGULATION (EC) No. 1272/2008

Pictogram(s):



Signal Word: **DANGER**

Hazard Statements: H222: *Extremely flammable aerosol*
H229: *Pressurised container: may burst if heated*
H319: *Causes serious eye irritation*

Precautionary Statements:

Prevention: P210: *Keep away from heat/sparks/open flames/hot surfaces. — No smoking.*
P211: *Do not spray on an open flame or other ignition source.*
P251: *Pressurized container: Do not pierce or burn, even after use*
P280: *Wear protective gloves/protective clothing/ eye protection/ face protection*
P264: *Wash...thoroughly after handling*

Response: P305+P351+P338:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313:
If eye irritation persists: get medical advice / attention

Storage: P410+P412:
Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F

Detergent labelling:
5 - <15% aliphatic hydrocarbons, <5% anionic surfactants, <5% perfumes, <5% phosphates.
Contains Piperonal

2.3 Other Hazards *None known*

3. COMPOSITION OF/INFORMATION ABOUT THE COMPONENTS

3.1 Substances

3.2 Mixtures

Chemical Name	CAS-No. EINECS-No. REACH No.	Classification REGULATION (EC) No 1272/2008	Concentration [%]
<i>propan-2-ol</i>	67-63-0 200-661-7 01-2119457558-25-XXXX	<i>Flam. Liq. Cat.2: H225; Eye Irrit. Cat.2: H319; STOT SE Cat.3: H336</i>	<i>10 - 30</i>
<i>Petroleum gases, liquefied</i>	68476-85-7 270-704-2	<i>Flam. Gas Cat.1: H220; Press. Gas (Liq.) Cat.1: H280</i>	<i>10 - 30</i>
<i>Sodium lauryl sarcosinate</i>	137-16-6 205-281-5 01-2119527780-39-XXXX	<i>Acute Tox. Cat.2: H330; Skin Irrit. Cat.2: H315; Eye Dam. Cat.1: H318</i>	<i><1</i>

For the full text of the H - statements mentioned in this section, see section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: *Take the Hazard and Precautionary Statements (section 2) into account. Show this Safety Data Sheet to the physician in attendance if required.*

Inhalation: *Remove from exposure site to fresh air and keep at rest. Contact physician if symptoms persist.*
Skin contact: *Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.*
Eye contact: *Flush immediately with water for at least 15 minutes. Remove contact lenses if possible. Contact physician if symptoms persist.*
Ingestion: *Rinse mouth with water and Contact physician if symptoms persist. Do NOT induce vomiting.*

4.2 Most important symptoms and effects, both acute and delayed

No additional information

4.3 Indication of any immediate medical attention and special treatment needed

Provide physician with a copy of this Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical, foam.

5.2 Special Hazards arising from the substance or mixture

Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flashback. Containers can burst violently or explode when heated, due to excessive pressure buildup.

5.3 Advice for Fire Fighters

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2 Environmental precautions

Keep away from drains, surface and ground water and soil.

6.3 Methods for cleaning or taking up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. HANDLING AND STORAGE

7.1 Handling

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

7.2 Storage

Requirements for storage areas and containers:

Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits:

*Propan-2-ol (CAS 67-63-0): TWA 8hr – WEL 400 ppm; 999 mg/m³
15 minutes – WEL 500 ppm; 1250 mg/m³*

*Petroleum gases, liquefied (CAS 68476-85-7):
TWA 8hr – WEL 1000 ppm; 1750 mg/m³
15 minutes – WEL 1250 ppm; 2180 mg/m³*

Propan-2-ol (CAS 67-63-0)

DNEL:

Workers

Dermal: Long term systemic effects: 888 mg/kg/day
Inhalation: Long term systemic effects: 500 mg/m³

Consumers

Inhalation: Long term systemic effects: 89 mg/m³

PNEC:

Fresh water; 140.9 mg/l
Marine water; 140.9 mg/l
Intermittent release; 140.9 mg/l
Sediment (Freshwater); 552 mg/kg
Sediment (Marinewater); 552 mg/kg
STP; 2251 mg/l
Soil; 28 mg/kg

8.2 Personal protective equipment

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

Hand protection: *Avoid skin contact. Use chemically resistant gloves.*

Skin and body protection: *Avoid contact with the skin. Wear a protective suit. Wash all contaminated clothing thoroughly before re-use.*

Eye protection: *Avoid contact with the eyes. Use tight-fitting goggles, face shield or safety glasses with side shields.*

Hygiene Measures:

Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Wash hands before breaks and at the end of the work day. Do not eat, drink or smoke whilst using or handling the product.

To the extent deemed appropriate, implement pre placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.

To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air or determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.

Protective measures:

The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and / or risks that may occur during use.

General Advice: *Do not allow uncontrolled discharge of the product into the environment.*

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical state: *Aerosol*
Odour: *Organic solvents*

9.2 Safety data

Flash Point: *< -40°C*
Boiling Point: *-40 to -2°C*
Vapour Pressure: *ca. 590 – 1760 kPa (45°C)*
Vapour Density: *ca. 1.5 (15°C)*
Auto-Ignition: *410 - 580°C*
Upper Explosive Limit:
1.4%
Lower Explosive Limit:
10.9%

10. STABILITY AND REACTIVITY

10.1 Reactivity

This product is not considered reactive under normal working conditions.

10.2 Chemical Stability

Avoid heat, sparks, flames.

10.3 Possibility of hazardous reactions

This product does not decompose when stored correctly

10.4 Conditions to avoid

Keep away from heat, sparks and open flame. Avoid direct sunlight

10.5 Incompatible materials

Strong oxidizing agents, heat and flames

10.6 Hazardous decomposition products

Toxic Gas (Carbon Monoxide and Carbon Dioxide) and unidentified organic compounds may be formed during combustion).

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Acute oral toxicity:

Propan-2-ol: LD50 (rat) 5840 mg/kg

Acute inhalation toxicity:

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Acute dermal toxicity:

Propan-2-ol: LD50 (rabbit) 16.4 mg/kg

Acute dermal toxicity (other routes of administration):

Aspiration toxicity:

No data available.

11.2 Skin corrosion/irritation

Skin irritation: *Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.*

11.3 Serious eye damage/eye irritation

Eye irritation: *Vapour or spray in the eyes may cause irritation and smarting.*

11.4 Respiratory or skin sensitization

Sensitisation:

11.5 Aspiration hazard:

No data available

11.6 Repeated dose toxicity

Repeated dose toxicity:

No data available.

11.7 STOT

STOT – single exposure:

STOT – repeated exposure:

No data available.

11.8 Carcinogenicity

Carcinogenicity: *No data available.*

11.9 Mutagenicity

Genotoxicity in vitro:

No data available.

Genotoxicity in vivo:

No data available.

11.10 Reproductive toxicity

Reproductive toxicity:

No data available.

Developmental toxicity/Teratogenicity:

No data available.

General:

Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity effects

Aquatic Compartment (including sediment)

Propan-2-ol

Acute Fish Toxicity:

LC50 (96h) 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Aquatic Invertebrate Toxicity:

EC50 (24h) > 1000 mg/l, Daphnia magna

Toxicity to Aquatic Plants:

EC50 (72h) > 1000 mg/l, Scenedesmus subspicatus

Sodium Lauryl Sarcosinate
Acute Fish Toxicity: LC50 (96h) 107 mg/l, *Brachydanio rerio (Zebra Fish)*
Aquatic Invertebrate Toxicity: EC50 (48h) > 29.7 mg/l, *Daphnia magna*

12.2 Persistence and degradability

Biodegradability: Propan-2-ol: 95% / 21d

12.3 Bioaccumulation

Partition coefficient (n-octanol/water): Propan-2-ol: 0.05%

12.4 Mobility

Known distribution to environmental compartments:
No data available.

12.5 Other adverse effects

Environmental assessment:

Based on available data the product is not classified as dangerous for the environment, or toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: *Dispose of according to local regulations. Do NOT dispose of into drainage systems and into the environment.*

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

General: This product is packed in accordance with the Limited Quantity Provisions of CDGCP2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1 ADR

UN-Number: 1950
Dangerous Goods Description: AEROSOLS
Class: 2.1
Packing group: None
Classification Code: 5F
Tunnel restriction code: (D)
Environmentally hazardous mark: No
ADR transport category: 2

14.2 RID

UN-Number: 1950
Dangerous Goods Description: AEROSOLS
Class: 2.1
Packing group: None
Environmentally Hazardous Mark: No

14.3 IATA

UN-Number: 1950
Dangerous Goods Description: AEROSOLS
Class: 2.1

Packing group: *None*
Environmentally hazardous mark: *No*

14.4 IMDG

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2.1*
Packing group: *None*
Environmentally hazardous mark: *No*
EmS Code: *F-D, S-U*

14.5 ADN / ADNR

UN-Number: *1950*
Dangerous Goods Description: *AEROSOLS*
Class: *2.1*
Packing group: *None*
Environmentally hazardous mark: *No*

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to regularly check their validity.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Full text of H – Statements referred to under sections 2 and 3

- H220: Extremely flammable gas*
- H222: Extremely flammable aerosol*
- H225: Highly flammable liquid and vapour*
- H229: Pressurised container: may burst if heated*
- H280: Contains gas under pressure: may explode if heated*
- H315: Causes skin irritation*
- H318: Causes serious eye damage*
- H319: Causes serious eye irritation*
- H330: Fatal if inhaled*

Full text of P – Statements referred to under sections 2 and 3

- P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.*
- P211: Do not spray on an open flame or other ignition source.*
- P251: Pressurized container: Do not pierce or burn, even after use*
- P280: Wear protective gloves/protective clothing/ eye protection/ face protection*
- P264: Wash...thoroughly after handling*
- P305+P351+P338:*
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P337+P313:*
If eye irritation persists: get medical advice / attention
- P410+P412:*
Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F

Further information:

According to Regulation (EC) No. 1907/2006 the information in this safety data sheet is based on the properties of the material known to Chaucer Solutions Ltd at the time the data sheet was issued. The Safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. The information hereon is reliable to the best of our knowledge. However, the recommendations or suggestions hereon shall not be construed as a warranty or representation as to the results, safety and efficacy. Users should always make their own evaluations and tests suitable for their particular needs. We cannot be held liable for any loss or damage arising from the use of the information hereon. This document is not intended for quality assurance purposes.

- End of Safety Data Sheet -