

According to Regulation (EC) No 1907/2006

GLASS FOAM CLEANER

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

1.1. Product identifier

Trade name

GLASS FOAM CLEANER

Article No.

37-569

UFI code

SYTC-M18K-PG1T-297Y

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

Product type

Cleaning agent

Relevant identified uses

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PC35 Washing and cleaning products (including solvent based products)

PROC7 Industrial spraying

PROC11 Non industrial spraying

1.3. Details of the supplier of the safety data sheet

Supplier

BILTEMA SWEDEN AB

Street address

Garnisonsgatan 26, 2nd FL

SE-254 66 Helsingborg

Sweden

Telephone

+46 77 520 00 00

Email

kundservice@biltema.com

Web site

www.biltema.se

1.4. Emergency telephone number

Giftinformationscentralen

Available outside office hours

No

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Eye irritation, hazard category 2

Aerosol, Hazard category 1

Hazard statements

H222, H229, H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

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

P501.1 Dispose of contents/container to Regional regulatory information.

More information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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GLASS FOAM CLEANER**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0 200-661-7 01-2119457558-25 603-117-00-0	12.5 - <20%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis	H225, H319, H336 - -	-
propane	74-98-6 200-827-9 01-2119486944-21 601-003-00-5	2.5 - <5%	Flam. Gas 1A, Press. Gas	H220, H280 - -	U
butane	106-97-8 203-448-7 01-2119474691-32 601-004-00-0	2.5 - <5%	Flam. Gas 1A, Press. Gas	H220, H280 - -	C U
isobutane	75-28-5 200-857-2 01-2119485395-27 601-004-00-0	2.5 - <5%	Flam. Gas 1A, Press. Gas	H220, H280 - -	C U
ammonia%	1336-21-6 215-647-6 01-2119982985-14 007-001-01-2	0 - ≤0.5%	Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1	H314, H318, H400 - -	STOT SE 3; H335: C ≥ 5 %; B

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

Regulation (EC) No. 648/2004 (Detergents regulation)

aliphatic hydrocarbons : ≥5 - <15%

perfumes : <5%

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if you feel unwell.

Skin contact

Generally the product does not irritate the skin.

Eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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- 4.2. Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- 4.3. Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- 5.1. Extinguishing media**
Suitable extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings.
- 5.2. Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- 5.3. Advice for firefighters**
Special protective equipment for fire-fighters
Wear respiratory protection.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures**
Wear respiratory protection.
Use personal protection equipment.
Keep unauthorized and unprotected persons at a safe distance.
- 6.2. Environmental precautions**
Do not allow to enter into surface water or drains.
- 6.3. Methods and material for containment and cleaning up**
Provide adequate ventilation.
Leftover, old or contaminated product is left for disposal. See section 13
- 6.4. Reference to other sections**
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

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GLASS FOAM CLEANER**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Preventive handling precautions**

Provide adequate ventilation.

Do not spray on naked flames or any incandescent material.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

Storage class : 2B

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****National occupational exposure limits**

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Short-term exposure limit ppm / mg/m ³	Source	Remark	Year
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0 200-661-7	400 999	500 1250	-	-	-

8.2. Exposure controls**Appropriate engineering controls**

Keep away from foodstuffs, beverages and feed

Take off immediately all contaminated clothing and wash it before reuse.

Wash hands before breaks and after work.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with skin, eyes and clothes.

Eye / face protection

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone : 480 min

n-Butyl acetate . 60 min

Ethyl acetate : 170 min

Xylene : 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases

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GLASS FOAM CLEANER**Hand protection**

Butyl caoutchouc (butyl rubber) The duration of the protective action can be different for different glove manufacturers. Thickness of the glove material : 0,4 mm

Respiratory protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter type: A2/P3

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state**

Aerosol

Colour

clear

Odour

Pleasant

Odour threshold

not determined

Melting point / freezing point

not determined

Boiling point or initial boiling point and boiling range

No data available

Flammability

Not applicable

Lower and upper explosion limit

2 - 12 %

Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

not determined

pH

not determined

Kinematic viscosity

not determined

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Viscosity, dynamic

not determined

Solubility

Immiscible

Water solubility

Immiscible

Partition coefficient n-octanol/water

not determined

Vapour pressure

3500 hPa

Method

@20 °C

Density and/or relative density

0.9 g/cm³

Method

@20 °C

Relative density

not determined

Relative vapour density

not determined

Evaporation Rate

Not applicable

Explosive properties

not determined

Oxidising properties

not determined

VOC %

660,4 g/l / 24,41 %

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No specific hazardous decomposition products specified.

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10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No specific hazardous decomposition products specified.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals
propan-2-ol; isopropyl alcohol; isopropanol 67-63-0 / 200-661-7	LD50	5840 mg/kg	oral	-	Rat
propan-2-ol; isopropyl alcohol; isopropanol 67-63-0 / 200-661-7	LD50	13900 mg/kg	Dermal	-	Rabbit
propan-2-ol; isopropyl alcohol; isopropanol 67-63-0 / 200-661-7	LC50	>25 mg/l	inhalative	6h	Rat

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

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Genotoxicity

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Repeated dose toxicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

LD50 Oral

Based on available data, the classification criteria are not met.

LD50 Dermal

Based on available data, the classification criteria are not met.

LC50 Inhalation

Based on available data, the classification criteria are not met.

Routes of exposure

Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Based on available data, the classification criteria are not met.

Mixture versus substance information

Based on available data, the classification criteria are not met.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Based on available data, the classification criteria are not met.

Toxicity in case of inhalation

Based on available data, the classification criteria are not met.

Interactive effects

Based on available data, the classification criteria are not met.

Toxicity in case of skin contact

Based on available data, the classification criteria are not met.

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Absence of specific data

Based on available data, the classification criteria are not met.

Toxicity in case of eye contact

Based on available data, the classification criteria are not met.

Toxicity in case of ingestion

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
propan-2-ol; isopropyl alcohol; isopropanol 67-63-0 / 200-661-7	LC50	9640 mg/l	96h	Pimephales promelas (fathead minnow)

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
propan-2-ol; isopropyl alcohol; isopropanol 67-63-0 / 200-661-7	LC50	9714 mg/l	24h	Daphnia magna (Big water flea)

12.2. Persistence and degradability

Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

Mobility

No further relevant information available.

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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

Not applicable

12.6. Endocrine disrupting properties

No further relevant information available.

12.7. Other adverse effects

No data available

Other

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Do not mix with household waste.

Do not empty into drains.

Waste code	Description
07 06 99	wastes not otherwise specified
15 01 04	metallic packaging

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

Other

Dispose of contents/container to an appropriate recycling or disposal facility.

Pressurized container: Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 14: Transport information

14.1. UN number

1950

14.2. UN proper shipping name

AEROSOLS, flammable

IMDG proper shipping name

AEROSOLS

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14.3. Transport hazard class(es)

Label



2.1

ADR / RID Class

2

ADR / RID Classification code

5F

ADN Class

2

ADN Class Code

5F

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmental hazards

Not applicable

14.6. Special precautions for user

Tunnel restriction code D

Transport category 2

Warning : gas

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Other

Additional information ADR-RID

Limited quantities (LQ): 1L

Additional information IMDG

Limited quantities (LQ): 1L

SECTION 15: Regulatory information

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

EU regulations

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
[Seveso-III-Directive] Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions) Classification
for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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GLASS FOAM CLEANER**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information**Phrase meaning**

Flam. Liq. 2 - Flammable liquids, hazard category 2

Eye Irrit. 2 - Eye irritation, hazard category 2

STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Flam. Gas 1A - Flammable gases, hazard category 1A

Press. Gas - Gases under pressure

Skin Corr. 1B - Skin corrosion, hazard category 1B

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.