



## SAFETY DATA SHEET

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 29.01.2015

#### Product identifier

Product name Foam cleaner 400mL  
Article no. 11821

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

Product group Aerosols  
Use of the substance/preparation Computer cleaning  
Relevant identified uses  
SU21 Consumer uses: Private households (= general public = consumers)  
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)  
PC35 Washing and cleaning products (including solvent based products)  
PROC11 Non-industrial spraying  
ERC8A Wide dispersive indoor use of processing aids in open systems  
ERC8D Wide dispersive outdoor use of processing aids in open systems  
Uses advised against No specific uses advised against are identified.

#### Details of the supplier of the safety data sheet

##### Distributor

Company name Apli Paper, s.a.u.  
Postal address Av. Arraona, 120-124  
Postcode 08210 Barberà del Vallès  
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Country España  
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E-mail [apli@apli.com](mailto:apli@apli.com)  
Website <http://www.apli.com>

#### Emergency telephone number

Emergency telephone 112

### SECTION 2: Hazards identification

#### Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Flam Aerosol 1;H222; H229; Eye Irrit. 2;H319;  
Substance / mixture hazardous properties Pressurized container: Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50 °C/122 °F.

#### Label elements

#### Hazard Pictograms (CLP)



Composition on the label	Propan-2-ol, Butane, Propane
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H319 Causes serious eye irritation. EUH 208 Contains (R)-p-Mentha-1,8-dien. May produce an allergic reaction.
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 Pressurized container: Do not pierce or burn, even after use. P280 Wear protective gloves/protective clothing/eye protection/face protection. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

### Other hazards

Description of hazard	Skin contact: May be slightly irritating on protracted or repeated exposure. Skin contact may cause redness, smarting and itching. Vapour or splashes to the eyes may cause redness, smarting and discomfort. Inhalation of high contents may cause headache, nausea and dizziness. Inhalation of aerosol/spray mist may cause slight irritation in the upper respiratory tract with symptoms like coughing and sneezing. Aerosol containers can explode when heated, due to excessive pressure build-up. Extremely flammable.
Environmental effects	This product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Propan-2-ol	CAS no.: 67-63-0 EC no.: 200-661-7 Index no.: 603-117-00-0 Synonyms: Propan-2-ol	F; R11 Xi; R36 R67 Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	12,5 - 15 %
Butane	CAS no.: 106-97-8 EC no.: 203-448-7 Index no.: 601-004-00-0 Synonyms: Butane	F+; R12 Flam. gas 1; H220 Press. Gas Note : C	65 - 70 %
Propane	CAS no.: 74-98-6 EC no.: 200-827-9 Index no.: 601-003-00-5	F+; R12 Flam. gas 1; H220 Press. Gas	30 - 35 %
(R)-p-Mentha-1,8-diene	CAS no.: 5989-27-5 EC no.: 227-813-5 Index no.: 601-029-00-7	R10 R43 Xi; R38 N; R50, R53 Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400	0,1 - 0,5 %

Aquatic Chronic 1; H410  
Note : C

Substance comments 5-15%: alifatic hydrocarbons , <5%: anionic surfactant , PARFUM (D-Limonen, Citral)  
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### Description of first aid measures

General	Remove victim immediately from source of exposure.
Inhalation	Move the exposed person to fresh air at once. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water or eyewash solution for up to 10 minutes.
Ingestion	Rinse mouth with water. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not induce vomiting. Consult a physician for specific advice.

### Most important symptoms and effects, both acute and delayed

Acute symptoms and effects As described in section 2.2, 2.3 and 11.

### Indication of any immediate medical attention and special treatment needed

Other Information If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

## SECTION 5: Firefighting measures

### Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture

Fire and explosion hazards Aerosol containers can explode when heated, due to excessive pressure build-up. Gases that are dangerous to health may be formed in a fire: carbon monoxide (CO) , carbon dioxide (CO<sub>2</sub>) .

### Advice for firefighters

Personal protective equipment	Wear personal protective equipment, see section 8. Avoid breathing of combustion gases. Wear self contained breathing apparatus during fire fighting.
Fire fighting procedures	Containers close to fire should be removed immediately or cooled with water.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal protection measures For personal protection, see section 8. Do not smoke, use open fire or other sources of ignition.

### Environmental precautions

Environmental precautionary measures Contain spillages with sand, earth or any suitable adsorbent material. Provide ventilation and confine spill. Do not allow runoff to sewer. Do not let washing down water contaminate ponds or waterways. Contact local authorities in case of spillage to drain/aquatic environment.

### Methods and material for containment and cleaning up

Cleaning method Clean contaminated area with oil-removing material. For waste disposal, see section 13.

### Reference to other sections

Other instructions

See section 8 and section 13.

## SECTION 7: Handling and storage

### Precautions for safe handling

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Keep away from heat, sparks and open flame. Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Risk of vapour concentration on the floor and in low-lying areas. Take precautionary measures against static discharges. Do not eat, drink or smoke when using the product. Wash hands before breaks and before smoking, eating or drinking.

### Conditions for safe storage, including any incompatibilities

Storage

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Always store proper, out of the reach of children and not together with food, feed, medicine and the like. Store at moderate temperatures in dry, well ventilated area.

### Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### Control parameters

### Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Butane	CAS no.: 106-97-8	8-hour TWA: 600 ppm	2011
	EC no.: 203-448-7	8-hour TWA: 1450 mg/m <sup>3</sup>	
	Index no.: 601-004-00-0	15 min.: 750 ppm	
	Synonyms: Butane	15 min.: 1810 mg/m <sup>3</sup>	
Propane	CAS no.: 74-98-6		
	EC no.: 200-827-9		
	Index no.: 601-003-00-5		

### Exposure controls

Limitation of exposure on workplace

Working place and methods must be arranged in order to avoid any direct contact with the product. All handling to take place in well-ventilated area.

### Respiratory protection

Respiratory protection

If ventilation is insufficient, use a respirator with type A (EN 141) gas filter and P2 particle filter (EN 143/EN 149).

### Hand protection

Hand protection

Protective gloves are recommended. Nitrile gloves are recommended. Breakthrough time: >2 hours.

### Eye / face protection

Eye protection

Use approved safety goggles or face shield. (EN 166).

### Thermal hazards

Thermal hazards

See section 5.

### Appropriate environmental exposure control

Environmental exposure controls

See section 6.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state

Foam

Colour

White / off-white.

Odour	Citrus.
Boiling point / boiling range	Value: < -20 °C
Flash point	Value: < -20 °C
Comments, Evaporation rate	No data recorded.
Lower explosion limit with unit of measurement	Value: 1,7 % Vol/Vol
Upper explosion limit with units of measurement	Value: 12 % Vol/Vol
Comments, Vapour pressure	No data recorded.
Specific gravity	Value: ~ 0,9 g/ml
Comments, Bulk density	Not relevant.
Solubility in water	leicht löslich
Comments, Partition coefficient: n- octanol / water	No data recorded.
Comments, Spontaneous combustability	No data recorded.
Comments, Decomposition temperature	Not relevant.
Comments, Viscosity	Not relevant.
Oxidising properties	Does not meet the criteria for oxidising.

### Other information

#### Physical hazards

Comments, Dropping point	Not relevant.
Comments, Permeation rate	Not relevant.
Comments, Pour point	Not relevant.
Comments, Particle size	No data recorded.
Comments, Critical pressure	No data recorded.
Comments, Expansion coefficient	No data recorded.
Comments, Redox potential	Not relevant.
Comments, Radical formation potential	Not relevant.
Comments, Photocatalytic properties	Not relevant.

#### Other physical and chemical properties

Comments	No information required.
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## SECTION 10: Stability and reactivity

### Reactivity

Reactivity	No specific reactivity hazards associated with this product.
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### Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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### Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.4 and section 10.5.
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### Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.
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### Incompatible materials

Materials to avoid	No data recorded.
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### Hazardous decomposition products

Hazardous decomposition products	Gases that are dangerous to health may be formed in a fire: carbon dioxide (CO <sub>2</sub> ) , carbon monoxide (CO) .
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

### Toxicological Information:

Other toxicological data Toxicological tests on the product has not been performed.

### Potential acute effects

Inhalation	Vapours may cause drowsiness and dizziness. Inhalation of high vapour concentrations may cause symptoms such as mild irritation, headache, dizziness, fatigue, nausea and in serious cases unconsciousness. Inhalation of aerosols/mist may cause coughing and breathing difficulties. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.
Skin contact	Skin contact may cause redness, smarting and itching. Prolonged or repeated exposure may degrease the skin with symptoms like redness, smarting, itching, cracking of skin and possible eczema.
Eye contact	May cause temporary eye irritation.
Ingestion	May cause nausea, headache, dizziness and intoxication. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

### Symptoms of Exposure

Symptoms of overexposure High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## SECTION 12: Ecological information

### Toxicity

Aquatic, comments No data available for the product.

### Toxicological data for substances

### Persistence and degradability

Persistence and degradability The product is readily biodegradable.

### Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

### Mobility in soil

Mobility No data recorded.

### Results of PBT and vPvB assessment

PBT assessment results This product does not contain any PBT or vPvB substances.

### Other adverse effects

Environmental details, summation For this product no classification is required for environmental hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Do not dispose of residues and waste down the drains. Dispose of waste and residues in accordance with local authority requirements.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
EWC waste code	EWC: 150110 packaging containing residues of or contaminated by dangerous substances EWC: 160504 gases in pressure containers (including halons) containing dangerous substances
Other Information	Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

## SECTION 14: Transport information

### UN number

ADR	1950
RID	1950
IMDG	1950

### UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
IMDG	AEROSOLS

### Transport hazard class(es)

ADR	2.1
RID	2.1
IMDG	2.1

### 14.4. Packing group

Comments	Not relevant.
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### Environmental hazards

### Special precautions for user

EmS	F-D, S-U
Special safety precautions for user	None.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Additional information.

Additional information.	Not relevant.
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## SECTION 15: Regulatory information

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

EEC-directive	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Other Label Information	For professional users only. As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Legislation and regulations	The Aerosol Dispensers Regulations 2009 (SI 2824), with amendments. EH40/2005, Workplace exposure limits 2005, with amendments. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### Chemical safety assessment

Chemical safety assessment performed	No
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## SECTION 16: Other information

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Flam Aerosol 1; H222; Eye Irrit. 2; H319; ; H229;
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List of relevant R-phrases (under headings 2 and 3).	R43 May cause sensitization by skin contact. R36 Irritating to eyes. R50 Very toxic to aquatic organisms. R11 Highly flammable. R53 May cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness. R12 Extremely flammable. R38 Irritating to skin. R10 Flammable.
List of relevant H-phrases (Section 2 and 3).	H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H410 Very toxic to aquatic life with long lasting effects. H229 Pressurised container: May burst if heated. H319 Causes serious eye irritation.
Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Information which has been added, deleted or revised	New safety data sheet.
Version	1