

# Safety Data Sheet

according to EC regulation 2001/58/EC

Trade Name:  
Foam Cleaner (Aerosol)

## 1. Substance/description of preparation and company

### 1.1 description of preparation

**Foam cleaner (Aerosol)**

**APLI art.no. 11300 & 11821**

Use: Cleaning of plastic surfaces

- 1.2 **supplier** APLI PAPER S.A.  
street / P.O. Box Av. Arraona, 120-124  
nationality / zip / city 08210 Barberá del Vallés( Spain)  
telephone: 0034 937479100  
telefax: 0034 937188113
- 1.3 **responsible department:** QEHS Dpt.
- 1.4 **emergency number** APLI PAPER S.A. 0034 93.747.91.00

## 2. Composition / information on components of preparation

### 2.1 general characterisation

Mixture of solvents and flammable liquid gases.

### 2.2 hazardous components

CAS No.	description	weight%	symbol	R-sent
74-98-6	Propane	< 5 %	F+	R12
106-97-8	Butane	< 10 %	F+	R12
67-63-0	Propan-2-ol (vgl. Isopropyl alcohol, 2-Propanol)	< 15 %	F, Xi	R11-36-67
1336-21-6	Ammonia .... % (Anm. B)	< 1 %	C, N	R34-50
111-76-2	Butylglycol	< 2 %	Xn, Xi	R20/21/22 36/38

Contains less than 5% anionic surfactants; 5% or over but less than 15% aliphatic hydrocarbons ; perfumes

## 3. Possible dangers

3.1 **description of dangers:** F+ , Extremely flammable

3.2 **special information on danger for people and environment:**

container is under pressure. Do not expose directly at sun and at temperatures over 50 °C.  
Development of explosive air-vapour mixtures is possible.

## 4. First aid measures

4.1 **general information:** -

4.2 **inhaling**

supply fresh air or oxygen Consult emergency doctor if complaints are permanent.  
in case of unconsciousness use stable lateral-position for transport.

4.3 **skin contact**

wash off with water and soap immediately and rinse thoroughly.

in case of permanent skin irritation consult doctor.

**4.4 eye contact**

rinse open eyes under running water for various minutes. Consult doctor.

**4.5 swallowing**

do not provoke vomiting and consult a doctor immediately.

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**5. Firefighting measures****5.1 suitable extinguishing agents:**

CO<sub>2</sub>, firefighting powder or spray jetted water.

**5.2 extinguishing agents not suitable for safety reasons:** fully jetted water**5.3 special dangers caused by the material or the preparation, its combustion product or developing gases:**

development of explosive air-gas mixtures possible.

Harmful and irritant gases can develop in a fire.

**5.4 special protection equipment for firefighting**

wear breathing apparatus independent from the circulating air.

wear a complete protection suit.

depending on size of the fire, coordinate with fire in the surroundings.

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**6. Measures for accidental evolution**  
see point 8 and point 13.**6.1 personal safety measures:**

wear protective clothing. Keep unprotected people away.

provide for sufficient ventilation.

keep away ignition sources.

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**7. Storage and handling****7.1 handling**

**information for safe handling:**

cool and dry storage

**7.2 storage**

**requirements for storage rooms and containers:**

store in a cool place.

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**8. Limitations of exposition and personal protection equipment**  
**8.1 components with limit values that are relevant to the workplace**

Stoffname

CAS-Nr.

ml/m<sup>3</sup>

mg/m<sup>3</sup>

Propane

74-98-6

1000

1800

MAK

Butane

106-97-8

1000

2400

MAK

Propan-2-ol

67-63-0

200

500

MAK

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Butylglycol  
111-76-2

20

100

MAK

**additional information:** the lists valid during time of drawing up are used as basis

## 8.2 personal protection equipment

**breathing protection:** wear protective mask in case of regular exposure and inappropriate ventilation.

**hand protection:** wear solvent-resistant protective gloves in case of regular exposure.

**eye protection:** wear tight protective glasses in case of regular exposure.

**general protection and hygiene measures:**

take the usual measures for the use of chemicals.

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## 9. Physical and chemical properties

	<u>value</u>	<u>unit</u>	<u>method</u>
9.1 appearance/smell:			
state:	aerosol		
color:			
odor:			
9.2 data relevant for safety			
pH value:			
boiling point/boiling area :	<0	°C	
flaming point :	<0	°C	(in closed crucible)
steam pressure :	2,6 bar	(20°)	
density:			

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## 10 Stability and reactivity

### 10.1 conditions to be avoided

warmth, flames

### 10.2 material to be avoided

reaction with strong oxidizing agents.

### 10.3 hazardous decomposition products

no hazardous decomposition products known if used as agreed.

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## 11 Information concerning toxicology

### 11.1 toxicologic tests

accute toxicity

**primary irritative effects:**

in the eye:

can cause irritative effects.

### 11.2 additional information:

according to the information available to us, the product does not cause health damages if it is used properly and as agreed

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**12 Information on ecology****12.1 information about elimination:****decomposibility about:**

The biological decomposibility refers to the sum of the single additives.

**12.2 behavior in environmental compartment: -****12.3 ecotoxic effects:**

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**13 Information on disposal****13.1 product****recommendation:**

comply with regulations of local authorities.

Do not introduce larger undiluted quantities into ground water, sewerage system or into waters.

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**14 Transport regulations****road-transport by ADR**

UN – No: 1950  
class: 2  
number / letter: 5 F  
description of good: Aerosol  
limited quantities: LQ 2

**Sea transport IMDG-Code:**

class: 2  
number/letter: -  
EMS-No.: F-D, S-U  
UN-No : 1950  
Description of good: Aerosols  
Limited quantities: chapter 3.4 IMDG-Code  
Cartons up to 30 kg. Marking see Road transport.

**Air transport IATA / ICAO:**

class: 2.1  
UN-Number: 1950  
Description of good: Aerosols flammable, n.o.s.

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**15 Regulations****15.1 labeling regulation on hazardous material including EC regulations  
(67/548/EEC as well as 88/379/EEC)**

symbol and description of danger:



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**most dangerous component:**

F+  
Extremely flammable  
propane / butane ( label )

**R-phrases:**

- 12 Extremely flammable
- 18 In use, may form explosive vapour-air mixture.

**S-phrases:**

- 25 Avoid contact with eyes.
- 23 Do not breathe spray.
- 46 f swallowed, seek medical advice immediately and show this container or label.

**spray-application:** S 23 aerosols don't inhale

**15.2 special labeling of special preparations:**

name, address, telephone of producer or seller.

container is under pressure. Do not expose directly at sun and at temperatures over 50 °C ( p.e. with incandescent lamps). Do not open with force and do not burn after use. Do not spray on flames or flaming objects. Keep away from ignition sources - do not smoke. Store out of reach of children.

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**16. additional information**

Relevant R-phrases:

- 11 Highly flammable
- 12 Extremely flammable
- 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- 34 Causes burns.
- 36/38 Irritating to eyes and skin.
- 50 Very toxic to aquatic organisms.
- 67 Vapours may cause drowsiness and dizziness

the information refers to the product in its condition on delivery.

department issuing data sheet: Dep. Chem.

Alterations are at the left margin with „\* " marked.

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**Legend:**

- n.a. = not applicable / n.a. = not available / n.t. = not tested / n.d.a. = no data available /  
n.c.d. = not called differently
- VbF = regulation on inflammable liquids
- MAK = maximum concentration at workplace in mg/m<sup>3</sup> = ppm
- WGK = hazard category for water