

**1. Substance/description of preparation and company****1.1 description of preparation****Label Remover Spray****APLI art.no.11303 & 11824**

Use: Remove labels

- 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****2.2 hazardous components**

<b>CAS No.</b>	<b>description</b>	<b>weight%</b>	<b>symbol</b>	<b>R-phrases</b>
67-63-0	2-Propanol	< 15	F, Xi	11-36-67
124-38-9	Carbondioxid, liquid	< 5		
	Aliphatic hydrocarbos, mixture	< 90	F, N, Xn	11-38-65-67-51/53

**3. Possible dangers**

- 3.1 description of dangers:** F , Highly flammable  
Dangerous for the environment
- 3.2 special information on danger for people and environment:**  
Highly flammable  
Vapours may cause drowsiness and dizziness.  
Container is under pressure. Do not expose directly at sun and at temperatures over 50 °C.

**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**

rinse out mouth and drink water afterwards, 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.  
carbon monoxide can develop in a fire.
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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.
- 6.2 Environmental measures:**  
do not introduce larger quantities into sewerage system or into waters.  
inform responsible authorities when sewerage system or waters are affected.
- 6.3 cleaning methods:**  
take up with liquid-absorbing material ( sand, infusorial earth, acid binder, universal binder).  
provide for sufficient ventilation.  
dispose contaminated waste material according to point 13.
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## 7. Storage and handling

- 7.1 handling**
- 7.1.1 information for safe handling:**  
cool and dry storage in tightly closed Gebinden.  
provide for good ventilation/suction filter at the workplace.  
provide for good ventilation at ground level (vapor is heavier than air).
- 7.1.2 information on protection of fire and explosion:**  
inflammable liquid. Vapor is heavier than air and can build explosive mixtures with air.  
Cool endangered containers with water.  
Keep away ignition sources and do not smoke.  
take measures against electrostatic charging.
- 7.2 storage**
- 7.2.1 requirements for storage rooms and containers:**  
store in a cool place.  
provide for solvent-resistant and tightly closing floor.
- 7.2.2 information for materials stored together:**  
seperate storage of inflammable and explosive materials and objects
- 7.2.3 special storage conditions:**  
keep container tightly closed. Cool storage.  
protect from heat and direct sun exposure.  
heating leads to increased pressure and danger of bursting.  
store container in a room with good ventilation.
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## 8. Limitations of exposition and personal protection equipment

### 8.1 components with limit values that are relevant to the workplace

CAS-No.	value	Type	Unit
Propan-2-ol	200ml/m <sup>3</sup>		
67-63-0	500mg/m <sup>3</sup>	4	MAK
carbon dioxide, liquid			
124-38-9	5000ml/m <sup>3</sup>		MAK
aliphatisches Kohlenwasserstoffgemisch	200ml/m <sup>3</sup>	1000mg/m <sup>3</sup>	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.

## 9. Physical and chemical properties

	value	unit	method
<b>9.1 appearance/smell:</b>			
<b>state:</b>	aerosol		
<b>colour:</b>	colourless		
<b>odor:</b>	citrus		
<b>9.2 data relevant for safety</b>			
<b>pH value:</b>			
<b>boiling point/boiling area :</b>	72- 105 °C		
<b>flaming point :</b>	< - 8 °C (in closed crucible)		
<b>ignition temperatur:</b>	> 230 °C		
<b>fire-fostering properties</b>			
<b>danger of explosion:</b>	product is not explosive, but the development of explosive air-vapor mixtures is possible.		
<b>explosion limits:</b>			
<b>lower explotsion limit:</b>	1,0 (Vol.%)		
<b>upper explosion limit:</b>	8,0 (Vol.%)		
<b>steam pressure ( mbar ):</b>	20 °C 6,5 bar; 50 °C 7 bar		
<b>water solubility:</b>	partly mixable		
<b>viscosity, dyn. ( mPa x s ):</b>	2,43		
<b>content of solvent (weight.%)</b>	100 %		
<b>density:</b>	0,71 g/ml		

## 10 Stability and reactivity

- 10.1 conditions to be avoided**  
warmth, flames, ignition sources, electrostatic charge
- 10.2 material to be avoided**  
no known
- 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:** not tested  
**Accute toxicity:** not tested  
**primary irritative effects:**  
on the skin: light effects  
in the eye: light 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:** not tested  
**Decomposibility about:** Not tested
- 12.2 behavior in environmental compartment:** not tested
- 12.3 ecotoxic effects:** not tested
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## 13 Information on disposal

- 13.1 product recommendation:**  
comply with regulations of local authorities.  
Do not introduce larger undilluted quantities into ground water, sewerage system or into waters.
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## 14 Transport regulations

- 14.1 road-transport by ADR**  
UN – No: 1950  
Class: 2  
Number / letter: 5 F  
Description of good: Aerosol  
Comment: LQ 2  
**For regulations concerning reduced quantities see point 3.4 ADR.**
- 14.2 transport by sea ship( GGVSee / IMDG )**  
class: 2  
EmS-No.: F-D, S-U  
technically correct name: aerosols
- 14.3 transport by plane ( ICAO - TI / IATA-DGR )**

class: 2  
page: -  
UN 1950

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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:** Dangerous for the environment  
Highly flammable

**R-phrases:**

11 Highly flammable  
67 Vapours may cause drowsiness and dizziness.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases:**

2 Keep out of the reach of children  
9 Keep container in a well-ventilated place  
16 Keep away from sources of ignition  
23 Do not breathe spray  
29 Do not empty into drains  
51 Use only in well-ventilated areas.

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.

name, address, telephone of producer or seller.

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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.  
65 Harmful: may cause lung damage if swallowed  
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

**Safety Data Sheet**  
according to EC regulation 2001/58/EC

Trade Name:  
Label Remover Spray

WGK = hazard category for water