

Trade name: Stamp Cleaner B 37/73

Current version : 2.0.1, issued: 19.12.2016

Replaced version: 2.0.0, issued: 13.05.2015

Region: GB

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

**Stamp Cleaner B 37/73****1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses of the substance or mixture

Cleaner for stamps

Uses advised against

No data available.

**1.3 Details of the supplier of the safety data sheet**

Address

Pelikan Vertriebsgesellschaft mbH &amp; Co. KG

Postfach 11 07 55

30102 Hannover

GERMANY

Telephone no. +49 (0) 511 69 69 - 0

Information provided by / telephone

Chemical Laboratory

Tel.: +49 (0) 5171 - 299 - 0

Fax.: +49 (0) 5171 - 299 - 249

Advice on Safety Data Sheet

sdb\_info@umco.de

**1.4 Emergency telephone number**

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226

Classification information

Classification and labelling with respect to acute oral toxicity are based on toxicological studies performed on the product (mixture).

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

Hazard pictograms



GHS02

Signal word

Warning

Hazard statements

H226

Flammable liquid and vapour.

Precautionary statements

P102

Keep out of reach of children.

P210

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

P370+P378

In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.

P501

Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

No data available.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Chemical characterization

Mixture based on: alcohols

##### Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	
1	propan-2-ol			
	67-63-0 200-661-7 603-117-00-0 -	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	> 1.00	< 5.00 %-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

##### After inhalation

Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water.

##### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

##### After ingestion

Rinse out mouth and give plenty of water to drink. Call a doctor. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Extinguishing powder; Foam; Carbon dioxide; Water mist

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not inhale vapours. Keep away sources of ignition.

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**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Send in suitable containers for recovery or disposal.

**6.4 Reference to other sections**

No data available.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Ensure adequate ventilation.

**General protective and hygiene measures**

Keep away from foodstuffs and beverages. Wash soiled clothing. Do not inhale vapours. Avoid contact with eyes and skin.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - refrain from smoking. Vapours can form an explosive mixture with air.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect of heat.

**Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage assembly**

Do not store together with: Oxidizing agents

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.		
1	propan-2-ol	67-63-0	200-661-7		
<b>List of approved workplace exposure limits (WELs) / EH40</b>					
Propan-2-ol					
	STEL	1250	mg/m <sup>3</sup>	500	ml/m <sup>3</sup>
	TWA	999	mg/m <sup>3</sup>	400	ml/m <sup>3</sup>

**8.2 Exposure controls****Appropriate engineering controls**

No data available.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	butyl rubber		
Material thickness		0.5	mm
Breakthrough time	>=	8	h
Appropriate Material	fluorintated rubber		
Material thickness		0.4	mm
Breakthrough time	>=	8	h

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**Environmental exposure controls**

No data available.

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

<b>Form/Colour</b>			
liquid			
colourless			
<b>Odour</b>			
alcohol-like			
<b>Odour threshold</b>			
No data available			
<b>pH value</b>			
Not applicable			
<b>Boiling point / boiling range</b>			
Value	82	- 163	°C
<b>Melting point / melting range</b>			
No data available			
<b>Decomposition point / decomposition range</b>			
No data available			
<b>Flash point</b>			
Value	37		°C
<b>Ignition temperature</b>			
Value	appr.	340	°C
Source	Literature value		
<b>Auto-ignition temperature</b>			
No data available			
<b>Oxidising properties</b>			
No data available			
<b>Explosive properties</b>			
No data available			
<b>Flammability (solid, gas)</b>			
No data available			
<b>Lower flammability or explosive limits</b>			
Value	1.5		% vol
<b>Upper flammability or explosive limits</b>			
Value	12.7		% vol
<b>Vapour pressure</b>			
No data available			
<b>Vapour density</b>			
No data available			
<b>Evaporation rate</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	appr.	0.9	g/cm <sup>3</sup>
Reference temperature	20		°C
<b>Solubility in water</b>			
Remarks	miscible		

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<b>Solubility(ies)</b>			
No data available			
<b>Partition coefficient: n-octanol/water</b>			
No data available			
<b>Viscosity</b>			
Value	appr.	1	mm <sup>2</sup> /s
Reference temperature		25	°C
Type	kinematic		

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

Heat, naked flames and other ignition sources.

**10.5 Incompatible materials**

strong oxidizing agents

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

<b>Acute oral toxicity</b>			
<b>No</b>	<b>Product Name</b>		
<b>1</b>	<b>Stamp Cleaner B 37/73</b>		
LD50	>	3000	mg/kg
Species	rat		
Method	Derived from the properties of its components.		

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<b>Acute dermal toxicity</b>
No data available
<b>Acute inhalational toxicity</b>
No data available
<b>Skin corrosion/irritation</b>
No data available
<b>Serious eye damage/irritation</b>
No data available
<b>Respiratory or skin sensitisation</b>
No data available
<b>Germ cell mutagenicity</b>
No data available
<b>Reproduction toxicity</b>
No data available
<b>Carcinogenicity</b>
No data available
<b>STOT-single exposure</b>
No data available
<b>STOT-repeated exposure</b>
No data available
<b>Aspiration hazard</b>
No data available
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>
Contact of the product with skin or eyes may cause irritation.

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## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>
No data available
<b>Toxicity to fish (chronic)</b>
No data available
<b>Toxicity to Daphnia (acute)</b>
No data available
<b>Toxicity to Daphnia (chronic)</b>
No data available
<b>Toxicity to algae (acute)</b>
No data available
<b>Toxicity to algae (chronic)</b>
No data available
<b>Bacteria toxicity</b>
No data available

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

<b>Other information</b>
Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Smaller quantities can be disposed with household garbage.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	III
Hazard identification no.	30
UN number	UN1993
Technical name	FLAMMABLE LIQUID, N.O.S.
Danger releasing substance	propan-2-ol
Special Provision 640	640E
Tunnel restriction code	D/E
Label	3

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**14.2 Transport IMDG**

Class	3
Packing group	III
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Danger releasing substance	propan-2-ol
EmS	F-E+S-E
Label	3

**14.3 Transport ICAO-TI / IATA**

Class	3
Packing group	III
UN number	UN1993
Proper shipping name	Flammable liquid, n.o.s.
Danger releasing substance	propan-2-ol
Label	3

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII. No 3, 40

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)**

VOC content 100 %

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

**15.2 Chemical safety assessment**

For this mixture a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Further information**

Not to be used by children.



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**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Department issuing safety data sheet**

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This information is based on our present knowledge and experience.

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It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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