

Trade name: Pelikan blanco® Correction Fluid**Current version :** 3.0.0, issued: 10.08.2015**Replaced version:** 2.0.0, issued: 25.09.2014**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Pelikan blanco® Correction Fluid
Pelikan blanco® Correction Pen****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

correction means

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**Pelikan Vertriebsgesellschaft mbH & Co. KG
Postfach 11 07 55
30102 Hannover
GERMANY

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

Information provided by / telephone

Product Safety 030-4393-0 (8:30 to 16:30)

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

Giftnotruf Berlin +49 (0) 30 30 686 - 790 (24h)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 2; H411

Flam. Liq. 2; H225

Skin Irrit. 2; H315

STOT SE 3; H336

Classification information

Classification and labelling are based on toxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

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

GHS02



GHS07



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane

Hazard statements

H225

Highly flammable liquid and vapour.

H315

Causes skin irritation.

H336

May cause drowsiness or dizziness.

H411

Toxic to aquatic life with long lasting effects.

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

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.
P271	Use only outdoors or in a well-ventilated area.
P370+P378	In case of fire: Use extinguishing powder, foam or CO ₂ for extinction.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients
3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures
Chemical characterization

Mixture (preparation)

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane			
	-	Aquatic Chronic 2; H411	25.00 - 50.00	%-b.w.
	926-605-8	Asp. Tox. 1; H304		
	-	Flam. Liq. 2; H225		
	-	STOT SE 3; H336		
2	ethyl-acetate			
	141-78-6	EUH066	2.50 - 10.00	%-b.w.
	205-500-4	Eye Irrit. 2; H319		
	607-022-00-5	Flam. Liq. 2; H225		
	-	STOT SE 3; H336		

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 immediately, 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 mouth thoroughly with water. 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

Unsuitable extinguishing media

High power water jet

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

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. Formation of explosive mixtures with air is possible.

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.

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	ethyl-acetate	141-78-6	205-500-4
List of approved workplace exposure limits (WELs) / EH40			
Ethyl acetate			
	STEL		400 ml/m ³
	TWA		200 ml/m ³

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

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.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour	
liquid	
whitish	
Odour	
characteristic	
Odour threshold	
No data available	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point / melting range	
No data available	
Decomposition point / decomposition range	
No data available	
Flash point	
Value	< 21 °C
Auto-ignition temperature	
Remarks	Product is not selfigniting.
Oxidising properties	
No data available	
Explosive properties	
This product is not explosive. In and after use danger of production of inflammable compounds.	

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
No data available			
Upper flammability or explosive limits			
No data available			
Vapour pressure			
No data available			
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
No data available			
Solubility in water			
No data available			
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No data available			
Viscosity			
Value	25	-	30
Reference temperature			40
Type	kinematic		
			mm ² /s
			°C

9.2 Other information

Other information
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.

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	-	926-605-8
LD50	>	15000	mg/kg bodyweight
Species	rat		
Source	Manufacturer		
2	ethyl-acetate	141-78-6	205-500-4
LD50	>	5620	mg/kg bodyweight
Species	rat		
Source	Manufacturer		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	-	926-605-8
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Source	Manufacturer		
2	ethyl-acetate	141-78-6	205-500-4
LD50	>	18000	mg/kg bodyweight
Species	rabbit		
Source	Manufacturer		

Acute inhalational toxicity	
No data available	

Skin corrosion/irritation	
No	Product Name
1	Pelikan blanco® Correction Fluid Pelikan blanco® Correction Pen
Source	Manufacturer
Evaluation	irritant

Serious eye damage/irritation	
No	Product Name
1	Pelikan blanco® Correction Fluid Pelikan blanco® Correction Pen
Source	Manufacturer
Evaluation	non-irritant

Respiratory or skin sensitisation	
No	Product Name
1	Pelikan blanco® Correction Fluid Pelikan blanco® Correction Pen
Route of exposure	Skin
Source	Manufacturer
Evaluation	non-sensitizing

Germ cell mutagenicity	
No data available	

Reproduction toxicity	
No data available	

Carcinogenicity	
No data available	

STOT-single exposure	
No data available	

STOT-repeated exposure	
No data available	

Aspiration hazard	
No data available	

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	-	926-605-8
LC50		1	- 10 mg/l
Duration of exposure			96 h
Species	fish		
Source	Manufacturer		
2	ethyl-acetate	141-78-6	205-500-4
LC50		220	- 250 mg/l
Duration of exposure			96 h
Species	Pimephales promelas		
Source	Manufacturer		

Toxicity to fish (chronic)	
No data available	

Toxicity to Daphnia (acute)	
No data available	

Toxicity to Daphnia (chronic)	
No data available	

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	-	926-605-8
EC50		1	- 10 mg/l
Duration of exposure			72 h
Species	Algae		
Source	Manufacturer		

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
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

Other information
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.

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1263
Technical name	PAINT
Special Provision 640	640C
Tunnel restriction code	D/E
Label	3
Environmentally hazardous substance mark	Symbol "fish and tree"

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1263
Proper shipping name	PAINT
Danger releasing substance	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
EmS	F-E+S-E
Label	3
Marine pollutant mark	Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1263
Proper shipping name	Paint
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 subject to Part I of Annex I, risk category: E2, P5b

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

Trade name: Pelikan blanco® Correction Fluid

Current version : 3.0.0, issued: 10.08.2015

Replaced version: 2.0.0, issued: 25.09.2014

Region: GB

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)	
VOC content	<60 %

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.

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)

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

Department issuing safety data sheet

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , D-21107 Hamburg

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: umco@umco.de

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO Umwelt Consult GmbH.