

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)



Albon-Chemie

Dr. Ludwig-E. Gminder GmbH & Co. KG

Product: Albolit WK 422 fl


Version: 2.0-EN
Revision: 2018-02-01

Replaced Version: 1.0
Print date: 2018-02-06

Section 1. Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier:	Albolit WK 422 fl	
1.2 Relevant identified uses of the substance or mixture and uses advised against:		
Relevant identified use:	Adhesive	
Uses advised against:	Reserved for industrial and professional uses	
1.3 Company identification:	ALBON-CHEMIE, Dr. Ludwig-E. Gminder GmbH & Co. KG <i>certified since October 1995 according to EN ISO 9001</i> Carl-Zeiss-Str. 41 D - 72555 Metzingen phone: (+49) 07123 / 95448-0 fax: (+49) 07123 / 61690 e-mail: verkauf@albon-chemie.com	#
Information:	Katja Gminder (management) info@albon-chemie.com Werner Quast (technics / laboratory) phone: -19 Martina Steinig (quality assurance) e-mail: labor@albon-chemie.com	# # #
1.4 Emergency telephone No:	Information Center for Poisoning of Freiburg, phone: +49 761 19240	#

Section 2. Hazards identification

2.1 Classification of the substance or mixture:		
Classification according to Regulation (EC) No. 1272/2008:		#
Flam. Liq.3, H226; Eye Irrit.2, H319; STOT SE 3, H336; Aquatic Chronic 2, H411		
2.2 Label elements:		
Labelling according to Regulation (EC) No. 1272/2008:		#
Hazard pictograms:		
Signal word:	Warning	
Hazard statements:		
H226	Flammable liquid and vapour.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H411	Toxic to aquatic life with long lasting effects.	
Precautionary statements:		
P102	Keep out of reach of children.	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.	
P271	Use only outdoors or in a well-ventilated area.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P312	Call a POISON CENTER or doctor/physician if you feel unwell.	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.	
Contains:	Hydrocarbons C8-C12, 2-Butanone	
2.3 Other Hazards:	No hazards beyond current classification can be expected.	

Section 3. Composition / information on ingredients

3.1 Substances: This product is a mixture.

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3.2 Mixtures:

Hazardous ingredients:

Substance:	CAS No.:	EG No.:	REACH No.:	Concentration:
Hydrocarbons C8-C12	64742-82-1	928-136-4	01-2119484809-19	25 – 50 %
2-Butanone	78-93-3	201-159-0	01-2119457290-43	≤ 10 %

Classification according Regulation (EC) No. 1272/2008:

Hydrocarbons C8-C12		Flam. Liq. 3	H226
		Aquatic Chronic 2	H411
		Asp. Tox. 1	H304
		STOT SE 3	H336
	No symbol		EUH066
2-Butanone		Flam. Liq. 2	H225
		Eye Irrit. 2	H319
		STOT SE 3	H336
	No symbol		EUH066

Full text of R-phrases, H-/EUH-statements see section 16

Section 4. First aid measures

4.1 Descriptions of first aid measures:

General information:

Consult a physician if problems persist. Remove contaminated, saturated clothing immediately.

In case of inhalation:

Move affected person into fresh air, keep warm and allow to rest.

In case of skin contact:

Wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.

In case of eye contact:

Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

In case of ingestion:

Rinse mouth immediately, drink plenty of water (200-300 ml). Do not induce vomiting. Consult a physician.

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

Skin contact: Frequently or prolonged contact with skin may cause dermal irritation.

Inhalation: respiratory tract irritation may include temporary breathing problems, coughing, burning sensation in nose and throat. Other possible symptoms: CNS-symptoms: headache, nausea, coordination difficulties.

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

Treat symptomatically.

Section 5. Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Water spray jet or water mist, alcohol resistant foam, extinguishing powder, carbon dioxide.

Unsuitable extinguishing media:

Full water jet.

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5.2 Special hazards arising from the substance or mixture:

Carbon monoxide, carbon dioxides and other toxic pyrolysis products.
Note additional information according to section 7.

5.3 Advice for the fire-fighters:

Wear protective clothing and self-contained breathing apparatus.

5.4 Additional information:

Use water spray jet to protect personnel and to cool endangered containers. Combustion residue and contaminated fire extinguishing water must be disposed in accordance with the regulations.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Keep away from sources of ignition. Provide adequate ventilation. Keep people at a distance and stay on the windward side. Do not breathe fumes/aerosol. See protective measures under point 7 and 8.

6.2 Environmental precautions:

Do not allow to enter drains/surface water/ground-water.
Do not allow to enter into soil/subsoil.
If plenty of product is entering waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up:

Absorb with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite), placing in appropriate containers for disposal according to section 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Advices on safe handling:

Provide adequate ventilation as well as local exhaust at critical locations.
Avoid contact with skin and eyes. Do not breath solvent vapours.

Fire preventions:

Vapours are heavier than air and can form explosive mixtures with air, even if the containers are empty.
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.
Keep away from hot surfaces. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels:

Store in original container. Keep container tightly closed in a well-ventilated place with solvent resistant surfaces. Protect from heating and UV-radiation/sunlight.

Hints on storage assembly:

Keep away from food, drink and feeding stuff.

Further information on storage conditions:

Prevent from high temperatures.
Recommended storage temperature: approx. 25°C.

7.3 Specific end uses:

Apart from the uses mentioned in section 1 no other specific uses are available.

Section 8. Exposure controls / personal protection

8.1 Control parameters:

Occupational exposure limits – AGW, TRGS 900 (D):

Substance	AGW	Peak limitation	Remarks
Hydrocarbons C8-C12	300 mg/m ³	2(II)	
2-Butanone	600 mg/m ³	1(I): max. AGW (D)	Y, H

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Y = a risk of foetal damage is ceased to fear if AGW and BGW will be complied to.

H = absorbed through skin.

Biological limit value – BGW, TRGS 903 (D):

Substance	Parameter	BGW (D)	Test material	Test date
2-Butanone	2-Butanone	5 mg/l	Urine	b

b: Test date at exposure resp. shift final.

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Ensure good ventilation/exhaustion at the workplace. Provide eyewash fountains and safety showers in the work area.

Personal protection equipment:

Respiratory protection:

Respiratory protection necessary at: insufficient ventilation, unpleasant odour, aerosol or mist formation.



Hand protection:

Wear solvent resistant protective gloves.

Before using check leak tightness / impermeability. Breakthrough times and swelling properties of the material must be taken into consideration. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.



Gloves recommended:

Camatril® 730(KCL)

Material:

Nitril

Breakthrough time:

>= 480 min

Thickness of the glove material:

>= 0.4 mm

Eye protection:

Safety goggles with side protection or face protection shield.



Protective clothing:

Suitable protective clothing.

Wash contaminated clothing before re-use.



Environmental precautions:

See section 6 and 7. No additional measures necessary.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General information:

Physical state:

liquid

Colour:

colourless-yellowish

Odour:

characteristic

Safety relevant data:

Melting point:

not determined

Boiling point/range:

not determined

Flash point:

28 – 30

°C

DIN ISO 3679

Explosion limit: lower:

0,67

Vol%

upper:

11,5

Vol%

Density at 20°C:

not determined

Viscosity at 20°C:

400 – 600

mPa·s

Solubility in/miscibility with:

water at 20°C:

Not miscible or difficult to mix.

9.2 Other information:

No other physical and chemical data has been recorded.

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Section 10. Stability and reactivity

10.1 Reactivity:

No data available.

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid:

Heat, flames and sparks.

10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Carbon monoxide, carbon dioxides and other toxic pyrolysis products.

Section 11. Toxicological information

11.1 Information on toxicological effects:

Toxicological data for the preparation are not available.

Hydrocarbons C8-C12	oral	LD50	> 2000 mg/kg	rat
2-Butanone	oral	LD50	> 2000 mg/kg	rat

Corrosion / irritation:

#

Eye contact:

Causes serious eye irritation.

Skin contact:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in nonallergic contact dermatitis.

Inhalation:

Inhalation of concentrated vapours will lead to an anaesthesia-like state and headaches, dizziness, etc.

Sensitisation:

No sensitizing effect known.

Repeated dose toxicity:

No data available.

Carcinogenicity:

The substance does not meet the classification criteria based on available data.

Mutagenicity:

No data available.

Toxicity for reproduction:

No data available.

Section 12. Ecological information

12.1 Toxicity

Toxicological data for the preparation are not available.

Hydrocarbons C8-C12	Fish	LC50/96h	> 1 ≤ 10 mg/l
2-Butanone	Fish	LC50/96h	> 100 mg/l

12.2 Persistence and degradability:

The solvents are readily biodegradable.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility:

#

The product insoluble in water.

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12.5 Results of PBT and vPvB assessment:

#

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:

Poisonous for fish and plankton in water bodies.

Section 13. Disposal considerations

13.1 Waste treatment methods:

Product:

Dispose of waste according to applicable local, state, and federal regulations.

Waste codes/waste designations:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process in consultation with the local waste management company.

Packaging:

Completely empty containers that have not been dried out are to be disposed of as vessels with harmful residues.

Section 14. Transport information



#

14.1 UN-No.:

1866

14.2 Proper shipping name:

ADR / RID:

Resin solution, flammable

IMDG-Code:

Resin solution, flammable

ICAO-TI / IATA-DGR

Resin solution, flammable

14.3 Transport hazard class:

ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR:

3

Tunnel restriction code:

D/E

14.4 Packing group:

III

Classification code:

F1

Hazard number:

30

Packing instruction (LQ):

LQ7

14.5 Environmental hazards:

Marine pollutant:

Yes

14.6 Special precautions for user:

See section 6 – 8.

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

Products filled only in suitable and registered packing for transport.

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Section 15. Regulatory information

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

EU regulations:

Restrictions under Regulation (EC) No 1907/2006 Annex XVII.3

National regulations:

Water hazard class (WGK):

WGK 2 Hazardous water endangering

Restrictions of occupation:

Observe employment restrictions for pregnant and nursing mothers according to the Maternity Protection Regulation and for young people according to the Young Persons Protection of Employment Act.

Storage class (VCI):

3 Flammable liquid

#

15.2 Chemical safety assessment:

Chemical safety assessments for substances in this preparation were not conducted yet.

Section 16. Other information

Indication of changes (#):

- | | |
|-----------------|---|
| 1 | Contact |
| 2 | Classification and labelling according to Regulation (EC) No. 1272/2008 |
| 6-8,11,12,14-16 | Content additions |

Other applicable directives (EC):

Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1272/2008 (CLP)

#

Relevant H- and EUH phrases:

- | | |
|--------|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. However, we cannot accept responsibility or liability for any consequences arising from its use.