

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name: allbuyone Kreidespray various colours 400ml–750ml

Article numbers: 1013008, 1013016, 1013200

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

### Sector of Use

SU21 Consumer uses: Private households/general public/consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

### Product category

PC9a Coatings and paints, thinners, paint removers

### Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

### Application of the substance / the mixture

Lacquer

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: allbuyone GmbH

Address: Obere Bahnhofstr. 58, D-82110 Germering

Tel.: +49 89 - 122 89 06 10 (to obtain further information use this number)

Fax: +49 89 - 122 89 06 99

E-Mail: [info@allbuyone.com](mailto:info@allbuyone.com)

**1.4. Emergency telephone number:** Beratungsstelle für Vergiftungen Berlin, Tel: +49(0)30/19240

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

flame



Aerosol 1 H222–H229 Extremely flammable aerosol.  
Pressurised container: May burst if heated.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

## Hazard pictograms:



**Signal word:** Danger

## Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

## 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.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P260 Do not breathe spray.  
P410+P412 Protect from sunlight.  
Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container in accordance with regional regulations.

## Additional information

EUH208 Contains Fatty acids, C18-unsatd., trimers, compds. with oleylamine, Fatty acids, tall-oil, compds. with oleylamine. May produce an allergic reaction.  
Buildup of explosive mixtures possible without sufficient ventilation.

## 2.3. Other hazards

### Results of PBT and vPvB assessment

PBT: Not applicable.  
vPvB: Not applicable.















## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Description

Mixture of substances listed below with nonhazardous additions

#### Dangerous components

CAS	Substance name	EG number	Index number	Reg. number	Percentage
	EINECS				
115-10-6	Dimethyl ether				25–< 50 %
	204-065-8		603-019-00-8	01-2119472128-37	
	 Flam. Gas A1; H220; Press. Gas (Comp.), H280				
64-17-5	Ethanol				12,5–< 20 %
	200-578-6		603-002-00-5	01-2119457610-43	
	 Flam. Liq. 2; H220;  Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %				
147900-93-4	Fatty acids, C18-unsatd., trimers, compds. with oleylamine				≥ 0,25–≤ 0,5 %
		604-612-4		01-2119971821-33	
	 STOT RE 2, H373;  Aquatic Chronic 2, H411;  Acute Tox. 4, H302; Skin Sens. 1, H317				
78-93-3	Butanone				≤ 0,5 %
	201-159-0		606-002-00-3	01-2119457290-43	
	 Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOS SE 3, H336; EUH066				
85711-55-3	Fatty acids, tall-oil, compds. with oleylamine				≥ 0,1–≤ 0,5 %
	288-315-1			01-2119974148-28	
	 STOT RE 2, H373;  Eye Dam. 1, H318;  Skin Sens. 1, H317				
3068-39-1	3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethylxanthylum chloride				< 0,025 %
	221-326-1			01-2120107344-68	
	Acute Tox. 2, H330;  Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 1);  Acute Tox. 4, H302; Skin Sens. 1, H317				

For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### After inhalation:

Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Generally the product does not irritate the skin.

#### After eye contact:

Rinse opened eye for several minutes under running water.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

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

During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters -**

Protective equipment: Mouth respiratory protective device.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.

**6.2 Environmental precautions**

Do not allow to enter sewers/ surface or ground water.

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

Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

**• 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace. No special measures required.

**Information about fire- and explosion protection**

Do not spray onto a naked flame or any incandescent material. Keep ignition sources away — Do not smoke.

Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

Keep container tightly sealed.

Storage class 2 B

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

115-10-6 Dimethyl ether	
WEL	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm
64-17-5 Ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm
78-93-3 Butanone	
WEL	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV

DNELs

64-17-5 Ethanol		
Oral	DNEL	87 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	343 mg/kg /per day (Worker, longterm systemic) 206 mg/kg /per day (Consumer, longterm systemic)
Inhalativ	DNEL	950 mg/m3 (Worker, longterm systemic) 1900 mg/m3 (Worker, acute local) 114 mg/m3 (Consumer, longterm systemic) 950 mg/m3 (Consumer, acute local)
78-93-3 Butanone		
Oral	DNEL	31 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	1161 mg/kg /per day (Worker, longterm systemic) 412 mg/kg /per day (Consumer, longterm systemic)
Inhalativ	DNEL	600 mg/m3 (Worker, longterm systemic) 106 mg/m3 (Consumer, longterm systemic)

## PNECs

64-17-5 Ethanol	
PNEC	0,96 mg/l (Freshwater) 0,79 mg/l (Seawater) 2,75 mg/l (Sporadic release) 580 mg/l (Sewage treatment plant) 3,6 mg/kg (Freshwater sediment) 2,9 mg/kg (Seawater sediment) 0,63 mg/kg (Soil)
78-93-3 Butanone	
PNEC	55,8 mg/l (Freshwater) 55,8 mg/l (Seawater) 55,8 mg/l (Sporadic release) 709 mg/l (Sewage treatment plant) 284,7 mg/kg (Freshwater sediment) 284,7 mg/kg (Seawater sediment)

## Ingredients with biological limit values

78-93-3 Butanone	
BMGV	70 µ mol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

## Additional information

The lists valid during the making were used as basis.

## 8.2 Exposure controls

### Appropriate engineering controls

No further data; see section 7.

### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures

Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols.

#### Respiratory protection



In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

#### Hand protection

Not required.

#### Material of gloves

Not required.

#### Penetration time of glove material

Not required.

#### Eye/face protection

Not required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General Information

Physical state	Aerosol
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Not applicable, as aerosol.

#### Flammability

Lower and upper explosion limit	Not applicable.
Lower:	3.3 Vol % (115-10-6 dimethyl ether)
Upper:	26.2 Vol % (115-10-6 dimethyl ether)
Flash point:	Not applicable, as aerosol.
Auto-ignition temperature:	240 °C (464 °F) (115-10-6 dimethyl ether)
Decomposition temperature:	Not determined.
pH	Mixture is non-soluble (in water).

#### Viscosity

Kinematic viscosity	Not determined.
Dynamic:	Not determined.

#### Solubility

Water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C (68 °F):	4000 hPa (3000.2 mm Hg) (115-10-6 dimethyl ether)
Density at 20 °C (68 °F):	1 g/cm <sup>3</sup> (8.3 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.

### 9.2 Other information

#### Appearance

Form:	Aerosol
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#### Important information on protection of health and environment, and on safety.

Explosive properties:	Not determined.
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#### Solvent content

Organic solvents:	54.1 %
VOC (EC)	—
	541.2 g/l
VOC-EU %	54.12 %
Solids content:	39.1 %

#### Change in condition

Evaporation rate	Not applicable.
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## Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No further relevant information available.

### 10.2 Chemical stability

Thermal decomposition/conditions to be avoided:

No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

No dangerous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

## LD/LC50 values relevant for classification

64-17-5 Ethanol		
Oral	LD50	10470 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat)
Inhalative	LC50/4h	120 mg/l (rat)
78-93-3 Butanone		
Oral	LD50	> 2193 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)
Inhalative	LC50/4h	34 mg/m3 (rat)
3068-39-1 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethylxanthylum chloride		
Oral	LD50	449 mg/kg (rat)
Dermal	LC50/4h	0,3 mg/l (rat)

### Skin corrosion/irritation

Based on available data, the classification criteria are not met. No irritant effect.

### Serious eye damage/irritation

Based on available data, the classification criteria are not met. No irritating effect.

### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. No sensitising effects known.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Reproductive toxicity

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

### Endocrine disrupting properties

78-93-3 Butanone List II

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Aquatic toxicity

115-10-6 Dimethyl ether	
EC50/96 h	155 mg/l (algae)
LC50/48 h	> 4000 mg/l (daphnia magna)
LC50/96 h	> 4000 mg/l (fish)
64-17-5 Ethanol	
EC50/96 h	13000 mg/l (Regenbogenforelle)
LC50/48 h	12900 mg/l (algae)
LC50/96 h	12340 mg/l (daphnia magna)
78-93-3 Butanone	
EC50/96 h	308 mg/l (daphnia magna)
LC50/48 h	1972 mg/l (Pseudokirchneriella Subcapitata)
LC50/96 h	2990 mg/l (fish)

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

### 12.7 Other adverse effects

#### Additional ecological information

General notes

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

## Uncleaned packaging:

Recommendation

Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number or ID number

ADR, IMDG, IATA:

UN 1950

### 14.2. UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

### 14.3. Transport hazard class(es)

ADR



Class:

2 5F Gases

Label:

2.1

IMDG, IATA



Class:

2 5F Gases

Label:

2.1

### 14.4. Packing group

ADR, IMDG, IATA

not regulated

### 14.5 Environmental hazards:

Not applicable.

### 14.6. Special precautions for users

Warning: Gases.

Hazard identification number (Kemler code): —

EMS Number:

F-D,S-U

Stowage Code

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A.

For AEROSOLS with a capacity above 1 litre: Category B.

For WASTE AEROSOLS: Category C, Clear of living quarters.

## Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

## Transport/Additional information

### ADR

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

Transport category

2

Tunnel restriction code

D

### IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

## SECTION 15: REGULATORY INFORMATION

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

Poisons Act

#### Regulated explosives precursors

None of the ingredients is listed.

#### Regulated poisons

None of the ingredients is listed.

#### Reportable explosives precursors

None of the ingredients is listed.

#### Reportable poisons

50-00-0 formaldehyde 5%

#### Directive 2012/18/EU

Named dangerous substances – ANNEX I

None of the ingredients is listed.

Seveso category

P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements

150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

## 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

### Relevant phrases

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Abbreviations and acronyms

RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR	Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation
ADR	Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
VOC	Volatile Organic Compounds (USA, EU)
DNEL	Derived No-Effect Level (UK REACH)
PNEC	Predicted No-Effect Concentration (UK REACH)
LC5	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Flam. Gas 1A	Flammable gases – Category 1A
Aerosol 1	Aerosols – Category 1
Press. Gas (Comp.)	Gases under pressure – Compressed gas
Flam. Liq. 2	Flammable liquids – Category 2

(according to UK REACH)

Revision: 09.04. 2024

Acute Tox. 4	Acute toxicity – Category 4
Acute Tox. 2	Acute toxicity – Category 2
Eye Dam. 1	Serious eye damage/eye irritation – Category 1
Eye Irrit. 2	Serious eye damage/eye irritation – Category 2
Skin Sens. 1	Skin sensitisation – Category 1
STOT SE 3	Specific target organ toxicity (single exposure) – Category 3
STOT RE 2	Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1	Hazardous to the aquatic environment – acute aquatic hazard – Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – long-term aquatic hazard – Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – long-term aquatic hazard – Category 2

## Further information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

## Classification according to Regulation (EC) No 1272/2008

Data is based on internal technical data and technical data from suppliers.