

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Jokisch Fotia Alea 1.W

Revision: 01.01.2026

Product code: 104

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

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Parting agent.

1.3. Details of the supplier of the safety data sheet

Company name:	Jokisch GmbH	
	Germany	
Street:	Industriestraße 5	
Place:	D-33813 Oerlinghausen	
Telephone:	+49(0)5202/9734-0	Telefax: +49(0)5202/9734-49
E-mail:	info@jokisch-fluids.de	
Contact person:	Regulatory affairs	
E-mail:	MSDS@jokisch-fluids.de	
Internet:	www.jokisch-fluids.de	

1.4. Emergency telephone number:

Emergency telephone number (24h) +1 872 5888271 (JRR) (en)

Further Information

Reserved for industrial and professional use.

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

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

Precautionary statementsP273 Avoid release to the environment.
P501 Dispose of contents/container to an appropriate recycling or disposal facility.**2.3. Other hazards**

Avoid release to the environment.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated			0.1 - < 1 %
	500-236-9		01-2119489407-26	
	Skin Irrit. 2, Aquatic Chronic 1; H315 H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
68920-66-1	500-236-9	Alcohols, C16-18 and C18-unsatd., ethoxylated	0.1 - < 1 %	
	inhalation: LC50 = > 100 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg			

Further Information

Full text of H-phrases: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps. First aider: Pay attention to self-protection!

After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.
Caution if victim vomits: Risk of aspiration!

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.
Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters



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Do not inhale explosion and combustion gases. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Suitable material for taking up: Sand, Universal binding agent. Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid oil mist. Wear personal protection equipment. Keep away from sources of ignition - No smoking. Use only in well-ventilated areas. When using do not eat, drink or smoke.

Advice on general occupational hygiene

Change contaminated clothing. Wash hands before breaks and after work.

Further information on handling

High slip hazard because of leaking or spilled product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 5-40 °C

Maximum period of storage (time): 1 year

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Protect from sunlight. Store in a well-ventilated place.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated		
Worker DNEL, long-term	inhalation	systemic	294 mg/m ³
Worker DNEL, long-term	dermal	systemic	2080 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	87 mg/m ³
Consumer DNEL, long-term	dermal	systemic	1250 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	25 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment	Value	
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated	
Freshwater	0,007 mg/l	
Marine water	0,001 mg/l	
Freshwater sediment	22,79 mg/kg	
Marine sediment	2,28 mg/kg	
Secondary poisoning	10 mg/l	
Soil	1,0 mg/kg	

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls



Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Individual protection measures, such as personal protective equipment

Eye/face protection

EN 166

Hand protection

Protect skin by using skin protective cream.
Wash hands before breaks and after work.

Skin protection

Chemical resistant safety shoes.
Take off immediately all contaminated clothing.
Thorough skin-cleansing after handling the product.
Set out skin protection guidelines.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Use only respiratory protection equipment with CE-symbol including four digit test number.

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

Physical state:	liquid
Colour:	clear
Odour:	characteristic

	Test method
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	124 °C
pH-Value (at 20 °C):	not applicable DIN 51369
Viscosity / kinematic: (at 20 °C)	3,4 mm ² /s ASTM D 445
Density (at 20 °C):	0,81 g/cm ³ EN ISO 12185

9.2. Other information

No information available.

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

No hazardous reaction when handled and stored according to provisions.
Protect from direct sunlight.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

10.6. Hazardous decomposition products

Hazardous decomposition products: none

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.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated				
	oral	LD50 > 2000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 > 2000 mg/kg	Rabbit	ECHA	OECD 402
	inhalation (4 h) vapour	LC50 > 100 mg/l	Rat	ECHA	OECD 403

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the single components.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

11.2. Information on other hazards**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

According to the present state of knowledge negative ecological effects are not expected.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated					
	Acute fish toxicity	LC50 108 mg/l	96 h	Danio rerio (zebrafish)	ECHA	OECD 203
	Acute algae toxicity	ErC50 > 10 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Acute crustacea toxicity	EC50 51 mg/l	48 h	Daphnia magna	ECHA	
	Acute bacteria toxicity	EC50 >1000 mg/l ()		Activated sludge		OECD 209

12.2. Persistence and degradability

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The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated				
	OECD 301 B	> 70 %		28	
	Product is biodegradable.				

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68920-66-1	Alcohols, C16-18 and C18-unsatd., ethoxylated	6,13

12.4. Mobility in soil

in delivery condition: liquid

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Avoid release to the environment.

Further information

According to the present state of knowledge negative ecological effects are not expected. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Completely emptied packings can be re-cycled. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

List of Wastes Code - used product

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

Contaminated packaging

Water (with cleaning agent). Completely emptied packings can be re-cycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:**

Not a hazardous material with respect to transportation regulations.

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

Not a hazardous material with respect to transportation regulations.



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14.4. Packing group: Not a hazardous material with respect to transportation regulations.

Other applicable information (land transport)

Not restricted

Inland waterways transport (ADN)

14.1. UN number or ID number: Not a hazardous material with respect to transportation regulations.

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): Not a hazardous material with respect to transportation regulations.

14.4. Packing group: Not a hazardous material with respect to transportation regulations.

Other applicable information (inland waterways transport)

Not restricted

Marine transport (IMDG)

14.1. UN number or ID number: Not a hazardous material with respect to transportation regulations.

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): Not a hazardous material with respect to transportation regulations.

14.4. Packing group: -

Other applicable information (marine transport)

Not restricted

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: Not a hazardous material with respect to transportation regulations.

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): Not a hazardous material with respect to transportation regulations.

14.4. Packing group: -

Other applicable information (air transport)

Not restricted

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Personal protection equipment: see section 8

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Directive 2010/75/EU on industrial emissions: 0,0%

Directive 2004/42/EC on VOC in paints and varnishes: 0,0%

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

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15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Alcohols, C16-18 and C18-unsatd., ethoxylated

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,11,12,15.

AICS (Australien), DSL (Kanada), IECSC (China), REACH (Europäische Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (Neuseeland), PICCS (Philippinen), TSCA (USA)

Abbreviations and acronyms

Skin Irrit. 2: Skin irritation, hazard category 2

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1

Repr. - Reproduktionstoxizität

Asp. Tox. - Aspirationstoxizität

Acute Tox. - Akute Toxizität

Aquatic Acute - Akute aquatische Toxizität

Aquatic Chronic - Chronische aquatische Toxizität

Eye Dam. - Augenschaden/-reizung

Eye Irrit. - Augenreizung

Skin Corr. - Ätzwirkung auf die Haut

Skin Irrit. - Hautreizung

Skin Sens. - Hautallergen

Resp. Sens. - Inhalationsallergen

STOT SE - Spezifische Zielorgan-Toxizität - einmalige Exposition

STOT RE - Spezifische Zielorgan-Toxizität - wiederholte Exposition

VOC - Flüchtige organische Verbindungen

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)