



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos M3S

Print date: 25.01.2017

Product code: 40

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Jokisch Monos Atos M3S

#### Further trade names

Old product name: Jokisch Ultra A 707

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

##### Use of the substance/mixture

Cutting oil

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

Company name:	Jokisch GmbH	
Street:	Industriestraße 5	
Place:	DE-33813 Oerlinghausen	
Telephone:	+49(0)5202/9734-0	Telefax: +49(0)5202/9734-49
e-mail:	info@jokisch-fluids.de	
Contact person:	Herr Sengenhoff	
e-mail:	MSDS@jokisch-fluids.de	
Internet:	www.jokisch-fluids.de	

#### 1.4. Emergency telephone number:

Giftnotruf Berlin: +49 (0) 30 / 30686 790

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazard categories:  
Reproductive toxicity: Lact.  
Hazardous to the aquatic environment: Aquatic Chronic 2  
Hazard Statements:  
May cause harm to breast-fed children.  
Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

##### Hazard components for labelling

alkanes, C14-17, chloro; chlorinated paraffins, C14-17

##### Pictograms:



##### Hazard statements

H362	May cause harm to breast-fed children.
H411	Toxic to aquatic life with long lasting effects.

##### Precautionary statements

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P308+P313	IF exposed or concerned: Get medical advice/attention.



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P391 Collect spillage.  
P501 Dispose of contents/container to hazardous waste.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			15 - < 20 %
	287-477-0	602-095-00-X		
	Lact., Aquatic Acute 1, Aquatic Chronic 1; H362 H400 H410 EUH066			
68425-15-0	Polysulfides, di-tert-dodecyl			5 - < 10 %
	270-335-7			
	Aquatic Chronic 4; H413			
4259-15-8	2-Ethylhexyl-zink-dithiophosphat			1 - < 2.5 %
	224-235-5		01-2119493635-27	
	Aquatic Chronic 2; H411			
93820-57-6	Benzolsulfonsäuren, di-C10-18-alkyl Derivate, Calcium-Salze			0.1 - < 1 %
	298-637-4			
	Skin Irrit. 2, Aquatic Chronic 3; H315 H412			
64742-53-6	Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic			0.1 - < 1 %
	265-156-6		01-2119480375-34	
	Asp. Tox. 1; H304			

Full text of H and EUH statements: 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.

##### After inhalation

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

##### After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

##### 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. In case of swallowing, keep the patient at rest and contact a doctor.

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

Treat symptomatically

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media



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**Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

**Unsuitable extinguishing media**

High power water jet.

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

Can be released in case of fire:

Carbon dioxide (CO<sub>2</sub>).

Carbon monoxide.

Nitrogen oxides (NO<sub>x</sub>).**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Large quantities remove mechanically

Clean contaminated objects and areas thoroughly observing environmental regulations.

Clean with detergents. Avoid solvent cleaners.

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

Avoid oil mist

Use only in well-ventilated areas.

Direct contact with skins avoid.

When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Prevent access by unauthorised personnel.

**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 the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 5-40 °C

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Maximum period of storage (time): 3 Jahr

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**



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### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
68425-15-0	Polysulfides, di-tert-dodecyl			
Worker , long-term		dermal	systemic	33,3 mg/kg bw/day
Worker , long-term		inhalation	systemic	23,5 mg/m <sup>3</sup>
Consumer , long-term		oral	systemic	1,66 mg/kg bw/day
Consumer , long-term		dermal	systemic	16,6 mg/kg bw/day
Consumer , long-term		inhalation	systemic	5,8 mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Protective and hygiene measures

Use personal protection equipment as per Directive 89/686/EEC.

#### Eye/face protection

Use glasses or face shield if there is a risk of splashing.

#### Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.

Wash hands before breaks and at the end of work.

Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

#### 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 suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	dark brown
Odour:	characteristic

pH-Value: not applicable

#### Changes in the physical state

Initial boiling point and boiling range: not determined

Flash point: >180 °C DIN EN 57

Lower explosion limits: 0,6 vol. %

Upper explosion limits: 6,5 vol. %

Vapour pressure: not determined

Density (at 20 °C): 0,94 g/cm<sup>3</sup> EN ISO 12185

Viscosity / kinematic:  
(at 40 °C) 34 mm<sup>2</sup>/s ASTM D 7042

#### Test method



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### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

Protect against: heat.

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

Hazardous decomposition products: none/none

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
68425-15-0	Polysulfides, di-tert-dodecyl			
	oral	LD50 19559 mg/kg	RAT	
	dermal	LD50 >2000 mg/kg	RABBIT	
4259-15-8	2-Ethylhexyl-zink-dithiophosphat			
	oral	LD50 4358 mg/kg	Ratte	
64742-53-6	Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic			
	oral	LD50 >5000 mg/kg	Rabbit	
	dermal	LD50 >5000 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50 >5 mg/l	Rat	

##### Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the components.

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
68425-15-0	Polysulfides, di-tert-dodecyl				
	Acute fish toxicity	LC50 >100 mg/l	96 h	Danio rerio	

#### 12.4. Mobility in soil

in delivery condition: liquid

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

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120106 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; mineral-based machining oils containing halogens (except emulsions and solutions)  
Classified as hazardous waste.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** UN3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. alkanes, C14-17, chloro; chlorinated paraffins, C14-17  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9



Classification code: M6  
Special Provisions: 274 335 601  
Limited quantity: 5 L  
Transport category: 3  
Hazard No: 90  
Tunnel restriction code: E

#### Other applicable information (land transport)

E1

#### Inland waterways transport (ADN)

**14.1. UN number:** UN3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9



Classification code: M6  
Special Provisions: 274 335 601  
Limited quantity: 5 L

#### Other applicable information (inland waterways transport)

E1

#### Marine transport (IMDG)

**14.1. UN number:** UN3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9

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Special Provisions: 274, 335  
Limited quantity: 5 L  
EmS: F-A, S-F

**Other applicable information (marine transport)**  
E1

### Air transport (ICAO)

**14.1. UN number:** UN3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9



Special Provisions: A97 A158  
Limited quantity Passenger: 30 kg G  
IATA-packing instructions - Passenger: 964  
IATA-max. quantity - Passenger: 450 L  
IATA-packing instructions - Cargo: 964  
IATA-max. quantity - Cargo: 450 L

**Other applicable information (air transport)**  
E1  
: Y964

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



## SECTION 15: Regulatory information

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

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 2 - water contaminating

## SECTION 16: Other information

### Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H362 May cause harm to breast-fed children.  
H400 Very toxic to aquatic life.



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H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

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