



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos M4B

Print date: 25.01.2017

Product code: 51

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

#### 1.1. Product identifier

Jokisch Monos Atos M4B

#### Further trade names

Old product name: Jokisch Spezial Schneidöl S 94

#### 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  
e-mail: info@jokisch-fluids.de  
Contact person: Herr Sengenhoff  
e-mail: MSDS@jokisch-fluids.de  
Internet: www.jokisch-fluids.de

Telefax: +49(0)5202/9734-49

#### 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

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

##### Additional advice on labelling

No marking required according to 1999/45/EC, appendix V B, No. 9.

### 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]			
78-42-2	tris(2-ethylhexyl) phosphate			2.5 - < 5 %
	201-116-6			
	Skin Irrit. 2; H315			
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.



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#### 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

###### **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.

##### 6.4. Reference to other sections

Refer to chapter 8.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling



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#### 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 Jahre / Years / Jaar

#### 7.3. Specific end use(s)

refer to chapter 1.2

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 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:	yellow brown
Odour:	characteristic

#### Test method

pH-Value:	not determined
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#### Changes in the physical state

Melting point:	not determined
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Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Flash point:	>180 °C DIN EN 57
<b>Flammability</b>	
Solid:	not determined
Gas:	not determined
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	6,5 vol. %
<b>Auto-ignition temperature</b>	
Solid:	not determined
Gas:	not determined
Decomposition temperature:	not determined
<b>Oxidizing properties</b>	
No information available.	
Vapour pressure:	not determined
(at 20 °C)	
Vapour pressure:	not determined
Density (at 20 °C):	0,9 g/cm <sup>3</sup> ASTM D 1298
Bulk density:	not determined
Partition coefficient:	No information available.
Viscosity / dynamic:	not determined
Viscosity / kinematic:	34 mm <sup>2</sup> /s ASTM D 445
(at 40 °C)	
Flow time:	not determined
Vapour density:	not determined

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 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



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### Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
78-42-2	tris(2-ethylhexyl) phosphate			
	oral	LD50 37000 mg/kg	RAT	
	dermal	LD50 20000 mg/kg	RABBIT	
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

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 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

120107 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 free of halogens (except emulsions and solutions)  
Classified as hazardous waste.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not restricted

Not a hazardous material with respect to these transportation regulations.

### Inland waterways transport (ADN)

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

Not restricted

Not a hazardous material with respect to these transportation regulations.

### Marine transport (IMDG)

#### Other applicable information (marine transport)

Not restricted

Not a hazardous material with respect to these transportation regulations.



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### Air transport (ICAO)

#### Other applicable information (air transport)

Not restricted

Not a hazardous material with respect to these transportation regulations.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## SECTION 15: Regulatory information

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

#### EU regulatory information

#### Additional information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 1,7,9.

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

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

### Further Information

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

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