



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Miko S5P

Print date: 25.01.2017

Product code: 169

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

#### 1.1. Product identifier

Jokisch Monos Miko S5P

##### Further trade names

Old product name: Jokisch Air-Cutting-Oil Ultra

#### 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

##### Further Information

Minimale Mengenschmierstoff für die Metallbearbeitung auf Basis von Fettsäureestern mit Additiven.

### SECTION 2: Hazards identification

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

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

Hazard Statements:  
Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P501 Dispose of contents/container to genehmigten Deponie.  
P273 Avoid release to the environment.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures



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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
72102-30-8	Fatty acids, vegetable-oil, Me			50 - < 100 %
	276-337-4			
	Aquatic Chronic 2; H411			
78-42-2	tris(2-ethylhexyl) phosphate			2.5 - < 5 %
	201-116-6			
	Skin Irrit. 2; H315			
2425-77-6	2-hexyldecan-1-ol			2.5 - < 5 %
	219-370-1			

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

#### 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



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#### **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**

#### **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



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must be worn.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
Colour: amber coloured  
Odour: characteristic

#### Test method

pH-Value: not applicable

#### Changes in the physical state

Initial boiling point and boiling range: not determined

Flash point: 180 °C

Lower explosion limits: not determined

Upper explosion limits: not determined

Vapour pressure: not determined

Density (at 20 °C): 0,98 g/cm<sup>3</sup> EN ISO 12185

Water solubility: insoluble

Viscosity / kinematic:  
(at 40 °C) 70 mm<sup>2</sup>/s ASTM D 7042

## 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
78-42-2	tris(2-ethylhexyl) phosphate	oral	LD50 37000 mg/kg	RAT	
		dermal	LD50 20000 mg/kg	RABBIT	
2425-77-6	2-hexyldecan-1-ol	oral	LD50 3300 mg/kg	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).



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### SECTION 12: Ecological information

#### 12.3. Bioaccumulative potential

##### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
2425-77-6	2-hexyldecan-1-ol	7,9

#### 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

120119 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; readily biodegradable machining oil  
Classified as hazardous waste.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### Other applicable information (land transport)

Not restricted

#### Inland waterways transport (ADN)

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

Not restricted

#### Marine transport (IMDG)

##### Other applicable information (marine transport)

Not restricted

#### Air transport (ICAO)

##### Other applicable information (air transport)

Not restricted

### 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): 2 - water contaminating

### SECTION 16: Other information

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

H315 Causes skin irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.



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