

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Jokisch Monos Miko S3G**

Revision date: 01.01.2019

Product code: 293

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

Jokisch Monos Miko S3G

**Further trade names**

Old product name: Jokisch MKS 30

**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  
e-mail (Contact person): 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 in accordance with 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.

**2.3. Other hazards**

No information available.

**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]			
	Fettsäure, ethoxyliert			2.5 - < 5 %
102-71-6	Triethanolamin			0.1 - < 1 %
	203-049-8		01-2119486482-31	

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

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



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#### 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

Remove contaminated, saturated clothing immediately. 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.

#### 4.2. 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

Water fog. Extinguishing powder. Carbon dioxide. Foam.

##### Unsuitable extinguishing media

High power water jet.

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

In case of fire may be liberated:

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 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

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

Large quantities remove mechanically

Clean contaminated articles and floor according to the environmental legislation.

Clean with detergents. Avoid solvent cleaners.

#### 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

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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 humidity.  
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 Years

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

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**Additional advice on limit values**

Exposure limit values: no restriction.

**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 after 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.

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

Physical state: liquid  
Colour: light yellow  
Odour: characteristic

**Test method**

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pH-Value (at 20 °C):	8,5
<b>Changes in the physical state</b>	
Initial boiling point and boiling range:	not determined
Flash point:	>180 °C DIN ISO 2592
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,01 g/cm <sup>3</sup> EN ISO 12185
Viscosity / kinematic: (at 40 °C)	8,4 mm <sup>2</sup> /s DIN 51562

**9.2. Other information**

No information available.

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

No known hazardous reactions.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**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

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Fettsäure, ethoxyliert				
	oral	LD50 >2000 mg/kg	RAT		
102-71-6	Triethanolamin				
	oral	LD50 5530 mg/kg	RAT		
	dermal	LD50 > 2000 mg/kg	RABBIT		

**Irritation and corrosivity**

Irritant effect on the eye: none

Irritant effect on the skin: none

**Additional information on tests**

No risks worthy of mention. Practical experience.

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

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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	Method
	Fettsäure, ethoxyliert					
	Acute fish toxicity	LC50	86 mg/l	96 h	Goldorfe	DIN 38412 T.15
102-71-6	Triethanolamin					
	Acute fish toxicity	LC50	11800 mg/l	96 h	Pimephales Promelas	
	Acute crustacea toxicity	EC50	2038 mg/l	48 h	Großer Wasserfloh	24h

**12.2. Persistence and degradability**

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	Fettsäure, ethoxyliert				
	OECD 301 E	95 %	28		
	leicht biologisch abbaubar				

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
102-71-6	Triethanolamin	-2,53

**12.4. Mobility in soil**

in delivery condition: liquid

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation. Collect in closed containers for disposal. Dispose of contents/container to an appropriate recycling or disposal facility.

**Waste disposal number of waste from residues/unused products**

120109 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; machining emulsions and solutions free of halogens; hazardous waste

**Waste disposal number of used product**

120109 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; machining emulsions and solutions free of halogens; hazardous waste

**Waste disposal number of contaminated packaging**



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#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** No dangerous good in sense of these transport regulations.

##### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** No dangerous good in sense of these transport regulations.

##### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** -

##### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** -

##### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

##### 14.6. Special precautions for user

Personal protection equipment: see section 8

##### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

#### SECTION 15: Regulatory information

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

###### EU regulatory information

2010/75/EU (VOC): < 1,0 %

2004/42/EC (VOC): < 1,0%

###### 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 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): 1 - slightly water contaminating



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#### **15.2. Chemical safety assessment**

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

#### **SECTION 16: Other information**

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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.)*