

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Jokisch Monos Oxia C3S -22-**

Revision date: 25.01.2017

Product code: 302

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

Jokisch Monos Oxia C3S -22-

**Further trade names**

Old product name: Jokisch High End Cutting Fluid 22i

Old product name: Jokisch Monos Atos i22

**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 in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****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]			
848301-69-9	Destillate (Fischer-Tropsch), schwere, C18-C50 verzweigt, cyclisch und linear	50 - < 100 %		
	482-220-0		01-0000020163-82	
	Asp. Tox. 1; H304			
93820-57-6	Benzolsulfonsäuren, di-C10-18-alkyl Derivate, Calcium-Salze	< 0.1 %		
	298-637-4			
	Skin Irrit. 2, Aquatic Chronic 3; H315 H412			
64742-53-6	Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic	< 0.1 %		
	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**



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#### 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**

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.

#### 4.3. 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.

### 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.

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**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 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 after work.

Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, &gt;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 exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

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

Physical state:	liquid:
Colour:	clear light yellow
Odour:	mineral oil.

	Test method
pH-Value:	not applicable
<b>Changes in the physical state</b>	
Initial boiling point and boiling range:	not determined
Flash point:	240 °C DIN ISO 2592
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	0,81 g/cm <sup>3</sup> EN ISO 12185

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Viscosity / kinematic:  
(at 40 °C)22 mm<sup>2</sup>/s DIN 51562**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

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
848301-69-9	Destillate (Fischer-Tropsch), schwere, C18-C50 verzweigt, cyclisch und linear				
	oral	LD50 >5000 mg/kg	Rat		
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 single components.

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

**SECTION 12: Ecological information****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**130899 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); oil wastes not otherwise specified; wastes not otherwise specified  
Classified as hazardous waste.**Contaminated packaging**

Allocation of the waste code numbers must be realized under considerations of existing sector specifics and processes. The above allocation is a recommendation for the disposal of the product after recommended use.

**SECTION 14: Transport information**

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**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)****Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**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 28: Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic

2010/75/EU (VOC): 0

**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

**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.
H412	Harmful to aquatic life with long lasting effects.

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