



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Monos Oxia C4G -22-

Revision date: 25.01.2017

Product code: 617

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

1.1. Product identifier

Jokisch Monos Oxia C4G -22-

Further trade names

Old product name: Jokisch High End Cutting Fluid VG 22xi

Old product name: Jokisch Monos Atos L22

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:

Hazardous to the aquatic environment: Aquatic Chronic 3

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

P273 Avoid release to the environment.

P501 Dispose of contents/container to hazardous waste.

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]	
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	
72102-30-8	Fatty acids, vegetable-oil, Me	5 - < 10 %
	276-337-4	
	Aquatic Chronic 2; H411	
78-42-2	tris(2-ethylhexyl) phosphate	5 - < 10 %
	201-116-6	
	Skin Irrit. 2; H315	

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

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 (CO₂).

Carbon monoxide

Nitrogen oxides (NO_x).

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 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.

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, >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

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worn.

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

Physical state: liquid:
 Colour: clear light yellow

Test method

pH-Value: not applicable

Changes in the physical state

Initial boiling point and boiling range: not determined

Flash point: 225 °C DIN ISO 2592

Lower explosion limits: not determined

Upper explosion limits: not determined

Vapour pressure: not determined

Density (at 15 °C): 0,84 g/cm³ EN ISO 12185Viscosity / kinematic:
(at 40 °C) 22 mm²/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 mg/kg	>5000	Rat	
78-42-2	tris(2-ethylhexyl) phosphate				
	oral	LD50 mg/kg	37000	RAT	
	dermal	LD50 mg/kg	20000	RABBIT	

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).



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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

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

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.
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.)