

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Jokisch Monos Atos C2G**

Revision date: 25.01.2017

Product code: 53

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

Jokisch Monos Atos C2G

**Further trade names**

Old product name: Jokisch Automatenöl X22

Old product name: Jokisch Monos Atos M22

**1.2. Relevant identified uses of the substance or mixture and uses advised against****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.

Product does not require special labelling according to Directive 67/548/EEC.

**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]			
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic	50 - < 100 %		
	265-159-2		01-2119480132-48	
	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.

**Further Information**

The highly refined mineral oil contains &lt;3% (w/w) DMSOextract, according to IP346.



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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### **After inhalation**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

###### **After contact with skin**

Remove contaminated clothing immediately and dispose off safely.

###### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

###### **After ingestion**

Do NOT induce vomiting.

##### 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. Foam. Carbon dioxide (CO<sub>2</sub>).

###### **Unsuitable extinguishing media**

High power water jet.

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

Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Phosphorus oxides. Sulfur.

##### 5.3. Advice for firefighters

Wear chemical resistant suit. Self-contained open circuit breathing apparatus (compressed air breathing apparatus) (EN 137).

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Avoid contact with skin.

##### 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.



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#### Further information on handling

When using do not eat, drink or smoke.  
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  
Suitable material for Container: rustproof steel.

##### Advice on storage compatibility

Do not store with strong oxidizing agents.  
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 worn.

### SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

#### Test method

##### Changes in the physical state

Flash point:	190 °C	DIN ISO 2592
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	6,5 vol. %	
Vapour pressure: (at 20 °C)	<0,01 hPa	
Density (at 20 °C):	0,86 g/cm <sup>3</sup>	DIN EN ISO 12185
Water solubility:	practically insoluble	

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Viscosity / kinematic:  
(at 40 °C)22 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

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

after ingestion: LD50: &gt; 2000mg/kg Rat

After skin contact: LD50: &gt; 2000mg/kg Rat

following inhalation: LC50: &gt; 5mg/1/4hRat.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic				
	oral	LD50 > 5000 mg/kg	RAT		
	dermal	LD50 >5000 mg/kg	RABBIT		
	inhalative (4 h) aerosol	LC50 >5 mg/l			
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		

**Irritation and corrosivity**

Not an irritant.

**Sensitising effects**

no danger of sensitization.

**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**



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**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

**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-TI/IATA-DGR)****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**

Restrictions on use (REACH, annex XVII):

Entry 28: Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic

**Additional information**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

#### SECTION 16: Other information

**Changes**

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

**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.

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