



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos U3G

Print date: 25.01.2017

Product code: 87

Page 1 of 6

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

#### 1.1. Product identifier

Jokisch Monos Atos U3G

##### Further trade names

Old product name: Jokisch HFF 18 CF

#### 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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Jokisch Monos Atos U3G**

Print date: 25.01.2017

Product code: 87

Page 2 of 6

**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			20 - < 25 %
	265-159-2		01-2119480132-48	
	Asp. Tox. 1; H304			
68425-15-0	Polysulfides, di-tert-dodecyl			10 - < 15 %
	270-335-7			
	Aquatic Chronic 4; H413			
78-42-2	tris(2-ethylhexyl) phosphate			2.5 - < 5 %
	201-116-6			
	Skin Irrit. 2; H315			
4259-15-8	2-Ethylhexyl-zink-dithiophosphat			1 - < 2.5 %
	224-235-5		01-2119493635-27	
	Aquatic Chronic 2; H411			
122-39-4	diphenylamine			0.1 - < 1 %
	204-539-4	612-026-00-5		
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H301 H373 ** H400 H410			

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.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Jokisch Monos Atos U3G

Print date: 25.01.2017

Product code: 87

Page 3 of 6

#### **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**

#### **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**

##### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
122-39-4	Diphenylamine	-	10		TWA (8 h)	WEL
		-	20		STEL (15 min)	WEL



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos U3G

Print date: 25.01.2017

Product code: 87

Page 4 of 6

### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
68425-15-0	Polysulfides, di-tert-dodecyl			
Worker , long-term		dermal	systemic	33,3 mg/kg bw/day
Worker , long-term		inhalation	systemic	23,5 mg/m <sup>3</sup>
Consumer , long-term		oral	systemic	1,66 mg/kg bw/day
Consumer , long-term		dermal	systemic	16,6 mg/kg bw/day
Consumer , long-term		inhalation	systemic	5,8 mg/m <sup>3</sup>

### 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 must be worn.

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	yellow / brown
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

Ignition temperature: not determined

Vapour pressure: not determined

Density (at 20 °C): 0,89 g/cm<sup>3</sup> EN ISO 12185

Viscosity / kinematic:  
(at 40 °C) 60,25 mm<sup>2</sup>/s ASTM D 7042



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos U3G

Print date: 25.01.2017

Product code: 87

Page 5 of 6

### 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
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		
68425-15-0	Polysulfides, di-tert-dodecyl	oral	LD50 19559 mg/kg	RAT	
		dermal	LD50 >2000 mg/kg	RABBIT	
78-42-2	tris(2-ethylhexyl) phosphate	oral	LD50 37000 mg/kg	RAT	
		dermal	LD50 20000 mg/kg	RABBIT	
4259-15-8	2-Ethylhexyl-zink-dithiophosphat	oral	LD50 4358 mg/kg	Ratte	
122-39-4	diphenylamine	oral	ATE 100 mg/kg		
		dermal	ATE 300 mg/kg		
		inhalative vapour	ATE 3 mg/l		
		inhalative aerosol	ATE 0,5 mg/l		

##### 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).

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name	Aquatic toxicity	Dose	[h]   [d]	Species	Source
68425-15-0	Polysulfides, di-tert-dodecyl	Acute fish toxicity	LC50 >100 mg/l	96 h	Danio rerio	



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Monos Atos U3G

Print date: 25.01.2017

Product code: 87

Page 6 of 6

### 12.4. Mobility in soil

in delivery condition: liquid

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

### Inland waterways transport (ADN)

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

Not a hazardous material with respect to these transportation regulations.

### Marine transport (IMDG)

#### Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

### Air transport (ICAO)

#### Other applicable information (air transport)

Not a hazardous material with respect to these transportation regulations.

## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D): 3 - highly water contaminating

## SECTION 16: Other information

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

H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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