

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Jokisch Monos Oxia C3G -13-

Revision date: 01.06.2019

Product code: 697

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

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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	
e-mail (Contact person):	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:

Aspiration hazard: Asp. Tox. 1

Hazard Statements:

May be fatal if swallowed and enters airways.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Destillate (Fischer-Tropsch), schwere, C18-C50 verzweigt, cyclisch und linear

Baseoil - unspecified, Distillates (petroleum), hydrotreated light naphthenic

Signal word: Danger**Pictograms:****Hazard statements**

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to hazardous waste.

Special labelling of certain mixtures

EUH208 Contains 1-(N,N-bis(2-ethylhexyl)aminomethyl)tolutriazol. May produce an allergic reaction.

2.3. Other hazards

No information available.

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
78-42-2	tris(2-ethylhexyl) phosphate			0.1 - < 1 %
	201-116-6		01-2119517575-36	
	1-(N,N-bis(2-ethylhexyl)aminomethyl)tolutriazol			0.1 - < 1 %
	939-700-4		01-2119982395-25	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 2; H315 H317 H400 H411			
64742-65-0	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed heavy paraffinic			< 0.1 %
	265-169-7		01-2119471299-27	
	Destillate (Erdöl) mit Wasserstoff behandelte leichte paraffinhaltige			< 0.1 %
	265-158-7		01-2119487077-29	

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. @0403.B004101

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.



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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

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
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

Hints on joint storage

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

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

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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:	dark yellow
Odour:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Initial boiling point and boiling range:	not determined
Flash point:	220 °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 ³ EN ISO 12185
Viscosity / kinematic: (at 40 °C)	13 mm ² /s DIN 51562

9.2. Other information

No information available.

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

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

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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
78-42-2	tris(2-ethylhexyl) phosphate				
	oral	LD50 >2000 mg/kg	Rat		OECDV 401
	inhalation (4 h) vapour	LC50 >447 mg/l	Rat		
	1-(N,N-bis(2-ethylhexyl)aminomethyl)tolutriazol				
	oral	LD50 3313 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
64742-65-0	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed heavy paraffinic				
	oral	LD50 >2000 mg/kg	Ratte		

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**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
78-42-2	tris(2-ethylhexyl) phosphate					
	Acute fish toxicity	LC50 101 mg/l	96 h	Oryzias latipes (Ricefish)		OECD 203
	1-(N,N-bis(2-ethylhexyl)aminomethyl)tolutriazol					
	Acute fish toxicity	LC50 1,3 mg/l	96 h	Brachydanio rerio (zebra-fish)		OECD 203
	Acute crustacea toxicity	EC50 2,05 mg/l	48 h			
64742-65-0	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed heavy paraffinic					
	Acute crustacea toxicity	EC50 >100 mg/l	48 h			

12.2. Persistence and degradability

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
78-42-2	tris(2-ethylhexyl) phosphate			
	OECD 301B	0%	28	
	Product is not easily biodegradable.			

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

CAS No	Chemical name	Log Pow
78-42-2	tris(2-ethylhexyl) phosphate	>6,26

BCF

CAS No	Chemical name	BCF	Species	Source
78-42-2	tris(2-ethylhexyl) phosphate	9,2-22	Cyprinus carpio (Common Carp)	

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 contents/container to an appropriate recycling or disposal facility. Dispose of waste according to applicable legislation.

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; hazardous waste

Waste disposal number of used product

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; 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)****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.

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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

No information available.

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 heavy paraffinic; Destillate (Erdöl) mit Wasserstoff behandelte leichte paraffinhaltige

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

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

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**15.2. Chemical safety assessment**For the following substances of this mixture a chemical safety assessment has been carried out:
tris(2-ethylhexyl) phosphate**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.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains 1-(N,N-bis(2-ethylhexyl)aminomethyl)tolutriazol. May produce an allergic



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reaction.

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