



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Migma Evio KPY

Print date: 24.01.2017

Product code: 67

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

1.1. Product identifier

Jokisch Migma Evio KPY

Further trade names

Alte Bezeichnung: Jokisch Kompakt ST

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

Use of the substance/mixture

Watersoluble Metalworkingfluid

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:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

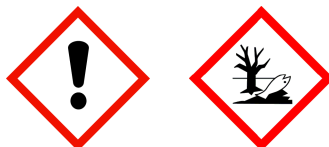
Regulation (EC) No. 1272/2008

Hazard components for labelling

2,2'-[[[(4-methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/eye protection/face protection.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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P302+P352
P501IF ON SKIN: Wash with plenty of water.
Dispose of contents/container to hazardous waste.

2.3. Other hazards

May produce an allergic reaction.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification: R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Additional information: High slip hazard because of leaking or spilled product.

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]			
-	O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate			10 - < 15 %
	406-940-1	015-171-00-7		
	Aquatic Chronic 2; H411			
68608-26-4	Natriumsulfonat			10 - < 15 %
	Eye Irrit. 2; H319			
120313-48-6	Alkohol, C12-15, ethoxiliert, propoxiliert			10 - < 15 %
	Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2; H315 H400 H411			
	polypropylen succinic imido caproic acid, sodium/triethanol amine salt			10 - < 15 %
	Skin Irrit. 2; H315			
80584-89-0	2,2'-[[[(4-methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol			1 - < 2.5 %
	279-502-9			
	Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3; H302 H318 H317 H412			

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.
Take off immediately all contaminated clothing, including underwear and shoes.
Never give anything by mouth to an unconscious person or a person with 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



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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. Foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire:

Nitrogen oxides (NO_x).

Carbon monoxide.

Carbon dioxide (CO₂).

Sulfur oxides. Phosphorus oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

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

Contain and control the leaks or spills with noncombustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

Do not empty into drains or the aquatic environment.

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

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

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



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Requirements for storage rooms and vessels

Protect against: frost.

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 5-40 °C

Maximum period of storage (time): 1 Jahr

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Further information on storage conditions

The regulations relating to storage premises apply to workshops where the product is handled.

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 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.

In case of higher concentrations than exposure limits, wear approved and appropriate respirator apparatus (type FFA1P1 according to Standard CE EN 405)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	brown
Odour:	alkaline

	Test method
pH-Value (at 20 °C):	30% 8,4 DIN 51369

Changes in the physical state

Flash point:	190 °C
Ignition temperature:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	0,98 g/cm ³ ASTM D 1298



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Water solubility: miscible.
Viscosity / kinematic:
(at 40 °C) 410 mm²/s ASTM D 7042

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

Protect against: heat.
Acid conditions (pH<7)

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid. Base.
Materials which strongly react with water.

10.6. Hazardous decomposition products

Hazardous decomposition products: none/none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

after ingestion: LD50: > 2000mg/kg Rat.
After skin contact: LD50: > 2000mg/kg Rat.
following inhalation: LC50: > 5mg/1/4hRat.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
80584-89-0	2,2'-[[[4-methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol			
	oral	ATE 500 mg/kg		

Irritation and corrosivity

Irritant effect on the respiratory tract: Not an irritant.

Sensitising effects

Respiratory or skin sensitisation: no danger of sensitization.
Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Carcinogenic/mutagenic/toxic effects for reproduction

The product is not expected to be carcinogenic, mutagenic, teratogenic, or toxic for reproduction. No data available to demonstrate that the product has chronic or harmful effects on human health. Contains a formaldehyde releaser. Very small amounts of formaldehyde, which has hazardous effects on human health, may be released. During use, the accumulation of substances, which may be hazardous for human health, is possible.

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

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

EG Richtlinie 2006/8/EG:
CAS EG



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68526 POLYMER ALIPHATISCHE ALKOHOLE, C12-C18,ETHOXILIERT,PROPOXYLIERT
EC 50 (Daphne) 48h (mg/l) EC>0,1

12.2. Persistence and degradability

Due to the n-octanol-water partition coefficient, a bio-accumulation in organisms is not to be expected.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

in delivery condition: liquid

The product emulsifies in water.

The product will be partly adsorbed by soil particles.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

120109 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; machining emulsions and solutions free of halogens
Classified as hazardous waste.

Contaminated packaging

Water.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

Inland waterways transport (ADN)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate)

14.3. Transport hazard class(es):

9

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14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Marine transport (IMDG)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Special Provisions:

274, 335, 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

Air transport (ICAO)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Special Provisions:

A97 A158 A197

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

yes



Danger releasing substance:

O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate



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SECTION 15: Regulatory information

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

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):	3 - highly 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)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.)