



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Migma Tano KBG

Print date: 24.01.2017

Product code: 243

Page 1 of 6

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

1.1. Product identifier

Jokisch Migma Tano KBG

Further trade names

Old product name: Jokisch W1 OP

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

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208	Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Migma Tano KBG

Print date: 24.01.2017

Product code: 243

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]			
122-99-6	2-phenoxyethanol			5 - < 10 %
	204-589-7	603-098-00-9		
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
10043-35-3	boric acid (neutralized)			< 0,4 %
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			< 0,1 %
	220-120-9	613-088-00-6		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			

Full text of H and EUH statements: see section 16.

Further Information

Concentration BORIC ACID: < 0,5%

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

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

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

After ingestion

If swallowed, immediately drink: Water.

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).



Safety Data Sheet

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Jokisch Migma Tano KBG

Print date: 24.01.2017

Product code: 243

Page 3 of 6

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

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
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

te regulations relating to storage premises apply to workshops where the product is handled.
Maximum period of storage (time):

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.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Migma Tano KBG

Print date: 24.01.2017

Product code: 243

Page 4 of 6

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

pH-Value (at 20 °C):

Test method
in aqueous solution 5% ; 9,4 DIN 51369

Changes in the physical state

Flash point: not applicable
Ignition temperature: not determined
Vapour pressure: not determined
Density (at 20 °C): 1,00 g/cm³ DIN EN ISO 12185
Viscosity / kinematic:
(at 20 °C) 59 mm²/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/none

SECTION 11: Toxicological information

11.1. Information on toxicological effects



Safety Data Sheet

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Jokisch Migma Tano KBG

Print date: 24.01.2017

Product code: 243

Page 5 of 6

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
122-99-6	2-phenoxyethanol			
	oral	LD50 1850 mg/kg	Rat	
	dermal	LD50 >2000 mg/kg	Rabbit	
10043-35-3	boric acid (neutralized)			
	oral	LD50 3000-4000 mg/kg	Rat	
	dermal	LD50 2000 mg/kg	Rabbit	
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			
	oral	LD50 1020 mg/kg	RAT	

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
122-99-6	2-phenoxyethanol				
	Acute fish toxicity	LC50 220 - 460 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50 > 500 mg/l	72 h	Scenedesmus sp.	
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna	
10043-35-3	boric acid (neutralized)				
	Acute fish toxicity	LC50 1,02 mg/l	96 h	Fish	
	Acute crustacea toxicity	EC50 658-875 mg/l	48 h	Crustacea	

12.2. Persistence and degradability

Additional information: none/none

12.3. Bioaccumulative potential

Can be concentrated in organisms.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
122-99-6	2-phenoxyethanol	1,16

12.4. Mobility in soil

in delivery condition: liquid

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Completely emptied packings can be re-cycled. Waste disposal according to official state regulations.



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Product code: 243

Page 6 of 6

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)

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

Additional information

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

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)

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.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

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.)