

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SKS Neu

Print date : 13.10.2009

Product code : 161

Page 1 of 5

1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

SKS Neu

Use of the substance/preparation

Watersoluble Metalworkingfluid

Company/undertaking identification

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
Emergency telephone: Giftnotruf Berlin: +49 (0) 30 / 30686 790
Telefax: ++49(0)5202/9734-49

2. Hazards identification**Classification**

This preparation is not classified as dangerous according to Directive 1999/45/EC.

3. Composition/information on ingredients**Chemical characterization (Mixture)****Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
202-394-1		Benzotriazol, in Verbindung mit enthaltenen Alkanolaminen	5 - 10 %	Xn R20/22-52-53

Full text of each relevant R phrase can be found in heading 16.

4. 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.

Advice to doctor

Treat symptomatically

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SKS Neu

Print date : 13.10.2009

Product code : 161

Page 2 of 5

5. Fire-fighting measures

Suitable extinguishing media

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

Extinguishing media which must not be used for safety reasons

High power water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Can be released in case of fire:
Nitrogen oxides (NO_x).
Carbon monoxide.
Carbon dioxide (CO₂).

Special protective equipment for fire-fighters

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

6. Accidental release measures

Personal precautions

See protective measures under point 7 and 8.

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.

Methods for cleaning up/taking 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.

7. Handling and storage

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.

Storage

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.

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SKS Neu

Print date : 13.10.2009

Product code : 161

Page 3 of 5

Further information on storage conditions

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

Storageclass (VCI): 12

8. Exposure controls/personal protection**Exposure limit values****Exposure controls****Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

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)

Eye protection

Use glasses or face shield if there is a risk of splashing.

Skin protection

Chemical resistant safety shoes.

Take off immediately all contaminated clothing.

Thorough skin-cleansing after handling the product.

Set out skin protection guidelines.

9. Physical and chemical properties**General information**

Physical state:	liquid
Colour:	amber coloured
Odour:	characteristic

Important health, safety and environmental information

pH-Value (at 20 °C):	in aqueous solution 5% ; 8,9	Test method DIN 51369
----------------------	------------------------------	--------------------------

Changes in the physical state

Boiling point:	not determined
Flash point:	irrelevant
Vapour pressure:	not determined
Density (at 20 °C):	1,11 g/cm ³ EN ISO 12185
Viscosity / kinematic: (at 20 °C)	15 mm ² /s ASTM D 7042

Other information

Ignition temperature: not determined

10. Stability and reactivity

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SKS Neu

Print date : 13.10.2009

Product code : 161

Page 4 of 5

Conditions to avoid

Protect against: heat.

Materials to avoid

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

Hazardous decomposition products

Hazardous decomposition products: none / none

11. Toxicological information**Acute toxicity**

after ingestion: LD50: > 2000mg/kg Rat.

After skin contact: LD50: > 2000mg/kg Rat.

following inhalation: LC50: > 5mg/1/4hRat.

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).

12. Ecological information**Mobility**

in delivery condition: liquid

Persistence and degradability

Additional information: none / none

Bioaccumulative potential

Can be concentrated in organisms.

13. Disposal considerations**Advice on disposal**

Completely emptied packings can be re-cycled. 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.

14. Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

Inland waterways transport**Other applicable information (inland waterways transport)**

Not restricted

Marine transport**Other applicable information (marine transport)**

Not restricted

Air transport

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SKS Neu

Print date : 13.10.2009

Product code : 161

Page 5 of 5

Other applicable information (air transport)

Not restricted

15. Regulatory information**Labelling****National regulatory information**

Water contaminating class (D): 2 - water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- | | |
|-------|---|
| 20/22 | Harmful by inhalation and if swallowed. |
| 52 | Harmful to aquatic organisms. |
| 53 | May cause long-term adverse effects in the aquatic environment. |

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