

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Jokisch Monos Neri 046

Revision date: 18.01.2017

Product code: 124

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

Jokisch Monos Neri 046

Further trade names

Old product name: Jokisch Hydrauliköl HLP 46

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

Hydraulic fluids

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
e-mail: info@jokisch-fluids.de
Contact person: Herr Sengenhoff
e-mail: MSDS@jokisch-fluids.de
Internet: www.jokisch-fluids.de

Telefax: +49(0)5202/9734-49

1.4. Emergency telephone number:

Giftnotruf Berlin: +49 (0) 30 / 30686 790

SECTION 2: Hazards identification**2.2. Label elements****Hazard components for labelling**

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

Additional advice on labelling

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

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]			
-	Highly refined, low-viscosity mineral oil			0-90 %
	-		-	
	Asp. Tox. 1; H304			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Not expected to be a health hazard when used under normal conditions. First aider: Pay attention to self-protection!

After inhalation

No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.



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After contact with skin

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wait for symptoms to develop. Obtain medical attention even in the absence of apparent wounds.

After contact with eyes

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

After ingestion

In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function. Because entry wounds are small and do not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm and ischaemia. Prompt surgical decompression, debridement and evacuation of foreign material should be performed under general anaesthetics, and wide exploration is essential.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use foam for extinction. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide may be evolved if incomplete combustion occurs. Unidentified organic and inorganic compounds.

5.3. Advice for firefighters

Special protective equipment for firefighters In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin. Avoid contact with eyes.

6.2. Environmental precautions

Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

6.3. Methods and material for containment and cleaning up

High slip hazard because of leaking or spilled product. Wipe up with absorbent material (eg. cloth, fleece).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Frequently or prolonged contact with skin may cause dermal irritation. Do not breathe vapour/aerosol.

Advice on protection against fire and explosion

Treat the recovered material as prescribed in the section on waste disposal.

Further information on handling

Provide earthing of containers, equipment, pumps and ventilation facilities.

7.2. Conditions for safe storage, including any incompatibilities



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Requirements for storage rooms and vessels

Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

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 Years

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

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 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: amber coloured

pH-Value: not applicable

Changes in the physical state

	Test method
Initial boiling point and boiling range:	>280 °C estimated
Pour point:	-30 °C ISO 3016
Flash point:	230 °C DIN ISO 2592
Lower explosion limits:	1 vol. %
Upper explosion limits:	10 vol. %
Vapour pressure: (at 20 °C)	<0,5 hPa estimated
Density (at 15 °C):	0,879 g/cm ³ EN ISO 12185
Viscosity / kinematic: (at 40 °C)	46 mm ² /s ASTM D 445

SECTION 10: Stability and reactivity



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10.1. Reactivity

Hazardous decomposition products are not expected to form during normal storage.

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Reacts with : Oxidizing agents, strong.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong.

10.6. Hazardous decomposition products

Hazardous decomposition products: none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

ATEmix tested

	Dose	Species	Source
LD50, oral	>5000 mg/kg	Rat	
LD50, dermal	>5000 mg/kg	Rabbit.	

Irritation and corrosivity

Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the single components.

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

12.2. Persistence and degradability

Product is not easily biodegradable.

12.3. Bioaccumulative potential

Contains components with the potential to bioaccumulate.

12.4. Mobility in soil

in delivery condition: liquid

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment

Waste disposal number of waste from residues/unused products

130110 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils; hazardous waste

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SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.
14.4. Packing group:	Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.
14.4. Packing group:	NST 3411

Marine transport (IMDG)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name:	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es):	Not a hazardous material with respect to these transportation regulations.
14.4. Packing group:	@1402.
Danger releasing substance:	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****EU regulatory information**

2004/42/EC (VOC): 0

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H304 May be fatal if swallowed and enters airways.

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.)