



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 24.24

Print date: 08.02.2017

Product code: 474

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

#### 1.1. Product identifier

Jokisch Korja Nefo 24.24

#### Further trade names

Old product name: Jokisch Rostschutzwachs 70

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

##### Use of the substance/mixture

Corrosion inhibitor

#### 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:

Flammable liquid: Flam. Liq. 3

Respiratory or skin sensitisation: Skin Sens. 1A

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten  
synthetisches neutrales Calciumpetroleumsulfonat

Signal word: Warning

##### Pictograms:



##### Hazard statements

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

##### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

## 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]			
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten			>=50-<65 %
	919-857-5			
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066			
	synthetisches neutrales Calciumpetroleumsulfonat			1-2,5 %
	263-093-9			
	Skin Sens. 1A; H317			

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

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.

Caution if victim vomits: Risk of aspiration!

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. Extinguishing powder. Carbon dioxide. Foam.



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#### Unsuitable extinguishing media

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire:  
Carbon monoxide.  
Carbon dioxide (CO<sub>2</sub>).  
Sulfur oxides.

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant 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

Do not empty into drains or the aquatic environment.  
Treat the assimilated material according to the section on waste disposal.  
Collect in closed containers for disposal.  
Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

#### 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).  
Clean contaminated objects and areas thoroughly observing environmental regulations.

### 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 dampness.  
Recommended storage temperature: 5-40 °C

##### 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 Jahr

### 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.



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### 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.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	
Odour:	characteristic

pH-Value:	not applicable
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#### Test method

#### Changes in the physical state

Initial boiling point and boiling range:	160 °C	DIN 51751
Flash point:	39 °C	ASTM D 93
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	7 vol. %	
Ignition temperature:	201 °C	
Vapour pressure:	2,5 hPa	
Density (at 20 °C):	0,85 g/cm <sup>3</sup>	ASTM D 7042
Viscosity / kinematic: (at 20 °C)	80 mm <sup>2</sup> /s	ASTM D 7042

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No risks worthy of mention.

### 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: Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.



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Data apply to the principal component.

### Acute toxicity

after ingestion: LD50: &gt; 2000mg/kg Rat.

After skin contact: LD50: &gt; 2000mg/kg Rat.

following inhalation: LC50: &gt; 5mg/1/4hRat.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten			
	oral	LD50 >5000 mg/kg	Rat.	
	dermal	LD50 >5000 mg/kg	Rabbit.	
	inhalative (4 h) aerosol	LC50 >5 mg/l	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
64742-48-9	Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, <2% Aromaten				
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 >1000 mg/l		Pseudokirchneriella subcapitata	
	Algae toxicity	NOEC >100 mg/l		Pseudokirchneriella subcapitata	

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### 12.4. Mobility in soil

There are no data available on the mixture itself. in delivery condition: liquid

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste disposal number of waste from residues/unused products

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors  
Classified as hazardous waste.

#### Contaminated packaging

Observe regulations when disposing.

## SECTION 14: Transport information

### Land transport (ADR/RID)

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<b>14.1. UN number:</b>	UN 1993
<b>14.2. UN proper shipping name:</b>	Entzündbarer flüssiger Stoff, n.a.g.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Classification code:	F1
Tunnel restriction code:	(D/E)

**Inland waterways transport (ADN)**

<b>14.1. UN number:</b>	UN 1993
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III

**Marine transport (IMDG)**

<b>14.1. UN number:</b>	UN 1993
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III

**Air transport (ICAO)**

<b>14.1. UN number:</b>	UN 1993
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**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): 80%

**National regulatory information**

Employment restrictions: 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****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,9,15.

**Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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