



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

Page 1 of 6

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

#### 1.1. Product identifier

Jokisch Korja Nefo 12.06

#### Further trade names

Old product name: Jokisch Korrosionsschutzöl DW Plus

#### 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 Statements:  
May be fatal if swallowed and enters airways.

#### 2.2. Label elements

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

##### Hazard components for labelling

Hochausraffiniertes, niedrigviskoses Mineralöl

Signal word: Danger

Pictograms:



##### Hazard statements

H304 May be fatal if swallowed and enters airways.

##### Precautionary statements

P331 Do NOT induce vomiting.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

##### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

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]			
-	Hochausraffiniertes, niedrigviskoses Mineralöl			50 - < 100 %
	-		-	
	Asp. Tox. 1; H304			
57855-77-3	Calcium bis (dinonylnaphtalenesulphonate)			5 - < 10 %
	260-991-2			
	Skin Irrit. 2; Eye Irrit. 2; H315 H319			
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether			1 - < 2.5 %
	203-961-6	603-096-00-8		
	Eye Irrit. 2; H319			

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.

#### 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.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

Page 3 of 6

#### **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**

##### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL

#### **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.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

Page 4 of 6

### 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: brown  
Odour: characteristic

#### Test method

#### Changes in the physical state

Flash point:	>62 °C	ASTM D 93
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	7 vol. %	
Density (at 20 °C):	0,81 g/cm <sup>3</sup>	DIN 51757
Viscosity / kinematic:	3 mm <sup>2</sup> /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.

### 10.6. Hazardous decomposition products

Hazardous decomposition products: none/none

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.  
Data apply to the principal component.

#### Acute toxicity

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



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

Page 5 of 6

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether			
	oral	LD50 5660 mg/kg	Rat	
	dermal	LD50 4120 mg/kg	Rabbit	

### 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

The statement is derived from the properties of the components.

Can be concentrated in organisms.

Product is not easily biodegradable.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether				
	Acute algae toxicity	ErC50 > 100 mg/l		Scenedesmus sp.	
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	0,56 (25°C)

### 12.4. Mobility in soil

in delivery condition: liquid

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

130899 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); oil wastes not otherwise specified; wastes not otherwise specified  
Classified as hazardous waste.

## 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



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Korja Nefo 12.06

Print date: 24.01.2017

Product code: 198

Page 6 of 6

### 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

#### 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):	2 - 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)

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.

### 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.)*