



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Joisch Fosia Clean Five

Print date: 24.01.2017

Product code: 11300sp2

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

#### 1.1. Product identifier

Joisch Fosia Clean Five

#### Further trade names

Old product name: Jokisch 5-Function-Öl

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

##### Use of the substance/mixture

Metal working fluids Lubricant, lubricants and release products

#### 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

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazardous to the aquatic environment: Aquatic Chronic 4

Hazard Statements:

Flammable aerosol.

Pressurised container: May burst if heated.

Causes damage to organs through prolonged or repeated exposure.

May cause long lasting harmful effects to aquatic life.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray into flames or ignition sources. Keep away from sources of ignition  
- No smoking.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Keep out of the reach of children.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

#### 2.2. Label elements

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

##### Hazard components for labelling

Hydrocarbon, C10-C13, n-alkanes, isoalkanes, cyclene, aromatics (2-25%)

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Signal word: Danger

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### Pictograms:



### Hazard statements

H223	Flammable aerosol.
H229	Pressurised container: May burst if heated.
H372	Causes damage to organs through prolonged or repeated exposure.
H413	May cause long lasting harmful effects to aquatic life.

### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe vapour/spray.
P211	Do not spray on an open flame or other ignition source.
P314	Get medical advice/attention if you feel unwell.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to hazardous waste.

### Special labelling of certain mixtures

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

## 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]	
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	25-50%
	276-737-9	
	01-2119474878-16	
	Asp. Tox. 1; H304	
64742-82-1	Hydrocarbon, C10-C13, n-alkanes, isoalkanes, cyclene, aromatics (2-25%)	25-50%
	919-164-8	
	01-2119473977-17	
	STOT RE 1, Asp. Tox. 1, Aquatic Chronic 4; H372 H304 H413	
52305-09-6	2-(tetrapropenyl)succinic acid, monoester with propane-1,2diol	2,5-<3%
	Aquatic Chronic 3; H412	

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Move victim to fresh air. Put victim at rest and keep warm. Do not leave victim unattended.

#### After inhalation

Provide fresh air. Seek medical attention if problems persist.



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**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Do not induce vomiting. Consult physician immediately.

#### SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder., alcohol resistant foam.

**Unsuitable extinguishing media**

High power water jet. In case of fire: Use for extinction.

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

Heating causes rise in pressure with risk of bursting.

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

**5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

**Additional information**

Use water spray/stream to protect personnel and to cool endangered containers.

#### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Provide adequate ventilation. High slip hazard because of leaking or spilled product. Remove all sources of ignition.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

**6.3. Methods and material for containment and cleaning up**

Provide adequate ventilation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**6.4. Reference to other sections**

See protective measures under point 7 and 8.  
refer to chapter 13

#### SECTION 7: Handling and storage

**7.1. Precautions for safe handling****Advice on safe handling**

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

**Advice on protection against fire and explosion**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray into flames or ignition sources.

**Further information on handling**

Keep in a cool, well-ventilated place.

Do not store at temperatures over: 50 °C

Official regulations for the storage of compressed gas containers are to be observed

**7.2. Conditions for safe storage, including any incompatibilities**



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#### Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

storage temperature: 15-35°C

Do not store at temperatures over: 50 °C

#### Advice on storage compatibility

none/none

#### Further information on storage conditions

none/none

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

The product does not contain any relevant quantities of materials with workplace limit values.

### 8.2. Exposure controls

#### Protective and hygiene measures

Wash hands before breaks and at the end of work.

#### Eye/face protection

Eye protection: not required.

#### Hand protection

The glove material has to be impermeable and resistant to the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation and in accordance with EN 374 Material of gloves nitrile rubber. For example: Type Tricotril, Articlono. 736 from KCL ([www.kcl.de](http://www.kcl.de)) Chloropren for example. Type Camapren, Articlono. 720 from KCL ([www.kcl.de](http://www.kcl.de)) The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the protective glove manufacturer and must be observed. Recommendation: dispose of contaminated gloves.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

#### Respiratory protection

Do not breathe gas/fumes/vapour/spray.

Human, inhalant, short term: Work in well ventilated zones or use proper respiratory protection .

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

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

Physical state:	Aerosol
Colour:	colourless
Odour:	Petroleum.

#### Test method

#### Changes in the physical state

Initial boiling point and boiling range: not applicable

Flash point: 62 °C

#### Explosive properties

Product is: not explosive.

In case of warming: &gt; 50°C =Danger of bursting container.

Protect containers against damage. Pressurized container: Do not pierce or burn, even after use.

Lower explosion limits: 0,6 vol. %

Upper explosion limits: 7 vol. %



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Density (at 20 °C):	0,848 g/cm <sup>3</sup>
Viscosity / kinematic:	not determined
Solvent content:	46%

#### **9.2. Other information**

Vapours are heavier than air and will spread at floor level.

### **SECTION 10: Stability and reactivity**

#### **10.2. Chemical stability**

This information is not available.

#### **10.3. Possibility of hazardous reactions**

This information is not available.

#### **10.4. Conditions to avoid**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Danger of bursting container.

#### **10.5. Incompatible materials**

This information is not available.

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

This information is not available.

##### **Sensitising effects**

no danger of sensitization.

### **SECTION 12: Ecological information**

#### **12.2. Persistence and degradability**

This information is not available.

#### **12.3. Bioaccumulative potential**

This information is not available.

#### **12.4. Mobility in soil**

This information is not available.

#### **12.5. Results of PBT and vPvB assessment**

This information is not available.

#### **12.6. Other adverse effects**

Danger to drinking water even small quantities leak into the ground.

#### **Further information**

Do not empty into drains or the aquatic environment.

Do not allow to enter into soil/subsoil.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Dispose of this material and its container to hazardous or special waste collection point.

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

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160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances  
Classified as hazardous waste.

**Waste disposal number of used product**

160500

**Waste disposal number of contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

### SECTION 14: Transport information

**Land transport (ADR/RID)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



Classification code: 5F  
Limited quantity: LQ2  
Tunnel restriction code: D

**Other applicable information (land transport)**

Transport category: 2  
Transport as "limited quantity" according to chapter 3.4 ADR/RID.

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



Classification code: 5F  
Limited quantity: LQ2

**Marine transport (IMDG)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2, see SP63

Marine pollutant: •  
Limited quantity: See SP277



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EmS: F-D, S-U

#### Air transport (ICAO)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, Flammable.  
**14.3. Transport hazard class(es):** 2.1  
Hazard label: 2.1



### 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.

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

H223 Flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H304 May be fatal if swallowed and enters airways.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.

#### 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.)*