



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Fotia Milo T.P

Print date: 24.01.2017

Product code: 16800sp1

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

1.1. Product identifier

Jokisch Fotia Milo T.P

Further trade names

Old product name: Jokisch Tool Protect

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

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:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

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.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:



Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P264	Wash hands thoroughly after handling.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing vapour/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P312	Call a POISON CENTER/doctor if you feel unwell.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to hazardous waste.

Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
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Additional advice on labelling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

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]			
67-64-1	acetone; propan-2-one; propanone			30-60 %
	200-662-2	606-001-00-8		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
68476-85-7	Petroleum gases, liquefied; Petroleum gas			10-30%
	270-704-2	649-202-00-6		
	Flam. Gas 1, Carc. 1A, Muta. 1B; H220 H350 H340			

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.
Get medical advice/attention if you feel unwell.

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Seek medical attention if problems persist.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician immediately.



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After ingestion

Rinse mouth thoroughly with water. Provide fresh air.
Consult physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

refer to chapter 11

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

Carbon dioxide (CO₂). Extinguishing powder. Foam.

Unsuitable extinguishing media

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5.2. Special hazards arising from the substance or mixture

Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
Use water spray/stream to protect personnel and to cool endangered containers.
Move undamaged containers from immediate hazard area if it can be done safely. Eliminate all ignition sources if safe to do so.

Additional information

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of fire and/or explosion do not breathe fumes.
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).
Eliminate all ignition sources if safe to do so.

6.4. Reference to other sections

refer to chapter 8
refer to chapter 11
refer to chapter 12
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. Handle and open container with care.
Wash hands thoroughly after handling.

Advice on protection against fire and explosion

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not



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pierce or burn, even after use. Do not spray into flames or ignition sources.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

storage temperature: 5 - 40 °C, Do not store at temperatures over: 50 °C

Advice on storage compatibility

Do not store with strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
68476-85-7	Liquefied petroleum gas	1000	1750		TWA (8 h)	WEL
		1250	2180		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.

Hand protection

Recommended protective gloves brand: none/none

Skin protection

Chemical resistant safety shoes.

Take off immediately all contaminated clothing.

Thorough skin-cleansing after handling the product.

Respiratory protection

Do not breathe gas/fumes/vapour/spray.

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: white
Odour: characteristic

Test method

pH-Value: not applicable

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: -41 °C

Flash point: -40 °C DIN EN 57



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Explosive properties

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. Danger of bursting container. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Lower explosion limits: 1,8 vol. %

Upper explosion limits: 13 vol. %

Ignition temperature: ,

Auto-ignition temperature

Solid: 465 °C

Vapour pressure: ,

(at 20 °C)

Density (at 20 °C): 0,76 g/cm³

9.2. Other information

SECTION 10: Stability and reactivity

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information 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

Oxidizing agents.

Further information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
67-64-1	acetone; propan-2-one; propanone			
	oral	LD50 5800 mg/kg	Rat	RTECS
	dermal	LD50 20000 mg/kg	Rabbit	IUCLID
	inhalative (4 h) vapour	LC50 76 mg/l	Rat	

Sensitising effects

No information available.

SECTION 12: Ecological information

12.1. Toxicity



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CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
67-64-1	acetone; propan-2-one; propanone				
	Acute fish toxicity	LC50	5540 mg/l	96 h	Onchorhynchus mykiss
	Acute crustacea toxicity	EC50	6100 mg/l	48 h	Daphnia magna

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-64-1	acetone; propan-2-one; propanone	-0,24

12.4. Mobility in soil

No information available.

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

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 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

Other applicable information (land transport)

Special provisions: 190 625
E0



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Transport category: 3
Tunnel restriction code: E
Special provisions: 190 - 327 - 625
Transport category: 2
Tunnel restriction code: D

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
EmS: F-D, S-U

Other applicable information (marine transport)

Special provisions: 63, 190, 277, 327, 959

Air transport (ICAO)

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



Limited quantity Passenger: -
IATA-packing instructions - Passenger: Forbidden
IATA-max. quantity - Passenger: Forbidden
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

Other applicable information (air transport)

E0
:-
150 kg

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2010/75/EU (VOC): ca. 76% (598 g/l)

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



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SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
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.)