



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Jokisch Fosia Clean 156

Revision date: 08.08.2017

Product code: 105

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

1.1. Product identifier

Jokisch Fosia Clean 156

Further trade names

Old product name: Jokisch Kaltreiniger L 100/56

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

Use of the substance/mixture

Cleaner

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	
e-mail (Contact person):	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

Naphtha (petroleum), hydrotreated heavy

Signal word: Danger

Pictograms:



Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

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

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to hazardous waste.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Cleaning agent

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	Naphtha (petroleum), hydrotreated heavy			50 - < 100 %
	265-150-3		01-2119486659-16	
	Asp. Tox. 1; H304			

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

Further Information

Benzene : <0,1% w/w

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

Remove contaminated, saturated clothing immediately. Move victim out of danger zone. Self-protection of the first aider

After inhalation

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

Where appropriate artificial ventilation.

Seek medical attention if problems persist.

If unconscious place in recovery position and seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Seek medical attention if problems persist. Draw up and observe skin protection programme.

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.

Seek medical attention if problems persist.

After ingestion

Rinse mouth thoroughly with water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Headache. Dizziness. vomiting.

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



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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂). Water spray jet.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Concentrated vapours are heavier than air. Vapours may form explosive mixtures with air. Carbon monoxide, Carbon dioxide (CO₂).

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Remove all sources of ignition. Keep away from unprotected people. Keep upwind.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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). Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

6.4. Reference to other sections

refer to chapter 7, Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. Keep away from heat. Protect from sunlight. Avoid the formation of aerosol. Remove contaminated, saturated clothing immediately. Keep away from food, drink and animal feedingstuffs. Wash hands thoroughly after handling. Provide adequate ventilation.

Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Concentrated vapours are heavier than air. Vapours may form explosive mixtures with air. Take precautionary measures against static discharges. Remove all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.



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Advice on storage compatibility

Do not store with strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs.

Wash hands before breaks and after work.

Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothes. Protect skin by using skin protective cream. Do not put any product-impregnated cleaning rags into your trouser pockets.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Before starting work, apply solvent-resistant skincare preparations.

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) Chloropren for example. Type Camapren, Articlono. 720 from KCL (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.

Tested protective gloves are to be worn: For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber). Viton (R)

Skin protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Protective clothing: Solvent resistant

Respiratory protection

Breathing apparatus only if aerosol or mist formation. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained breathing apparatus dependent.

Recommended Filter type: A combination filter: A-P2

Environmental exposure controls

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	characteristic

Changes in the physical state

Initial boiling point and boiling range:	180-240 °C
Flash point:	> 61 °C
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	7 vol. %
Ignition temperature:	> 230 °C

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Vapour pressure: (at 20 °C)	0,38 hPa
Density (at 20 °C):	0,77 g/cm ³
Water solubility:	0,01 g/L
Viscosity / kinematic: (at 20 °C)	1,736 mm ² /s

SECTION 10: Stability and reactivity**10.1. Reactivity**

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

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

In case of warming: Explosive dust-air mixtures may form.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Protect against direct sunlight.

Take precautionary measures against static discharges.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide (CO₂).

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Naphtha (petroleum), hydrotreated heavy				
	oral	LD50 mg/kg	>5000	rat	
	dermal	LD50 mg/kg	>3000	rab	

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

no danger of sensitization.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

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Aspiration hazard

May be fatal if swallowed and enters airways. (Naphtha (petroleum), hydrotreated heavy)

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-48-9	Naphtha (petroleum), hydrotreated heavy					
	Acute fish toxicity	LC50 mg/l	2200	96 h	Pimephales promelas	

12.2. Persistence and degradability

Product is biodegradable.

12.3. Bioaccumulative potential

Floats on water.

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**

Do not empty into drains; dispose of this material and its container in a safe way.

The waste code numbers have since 1.1.1999 not only product but essentially application specific. The valid application for waste code can the European Waste Catalogue be removed.

Dispose of waste according to applicable legislation.

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

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

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 29: Naphtha (petroleum), hydrotreated heavy

National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D):

1 - slightly water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

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

H304 May be fatal if swallowed and enters airways.

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.)