

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 1 of 7

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

#### 1.1. Product identifier

Jokisch Fosia Clean Citro

#### Further trade names

Old product name: Jokisch Citro Clean

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

##### Use of the substance/mixture

Parting agent.

#### 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:  
Highly flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

##### Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol  
Orange, sweet, ext.

Signal word: Danger

##### Pictograms:



##### Hazard statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 2 of 7

H410 Very toxic to aquatic life with long lasting effects.

### Precautionary statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P331 Do NOT induce vomiting.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P210 Keep away from heat. No Smoking.

## 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]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			50-100 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
8028-48-6	Orange, sweet, ext.			25-50 %
			01-2119493353-53	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 1; H226 H315 H317 H304 H410			

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

If swallowed, immediately drink: Water. Move victim to fresh air. Put victim at rest and keep warm.

### 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 (CO<sub>2</sub>). Use extinguishing powder for extinction.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 3 of 7

#### Additional information

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment. Extinguishing materials should be selected according to the surrounding area.

### 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. Do not empty into drains or the aquatic environment. 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). Treat the assimilated material according to the section on waste disposal. Suitable absorbing material: sand, Universal binding agent. Treat the assimilated material according to the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Use only in well-ventilated areas.  
When using do not eat, drink or smoke.

##### Advice on protection against fire and explosion

Prevent access by unauthorised personnel.  
Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharges.

##### 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 container tightly closed. Keep the packing dry and well sealed to prevent contamination and absorption of dampness.  
Recommended storage temperature: 5-40 °C  
Maximum period of storage (time): 1 Jahr

##### Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.  
Do not store with strong oxidizing agents.

##### Further information on storage conditions

te regulations relating to storage premises apply to workshops where the product is handled.

### 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
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

#### 8.2. Exposure controls



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 4 of 7

### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink. 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

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:	red
Odour:	characteristic

	Test method
pH-Value (at 20 °C):	5,2 DIN 51369

### Changes in the physical state

Initial boiling point and boiling range:	82 °C
Flash point:	16,5 °C
Lower explosion limits:	0,7 vol. %
Upper explosion limits:	12 vol. %
Ignition temperature:	250 °C
Density (at 20 °C):	0,8 g/cm <sup>3</sup> EN ISO 12185
Viscosity / kinematic: (at 20 °C)	214 mm <sup>2</sup> /s ASTM D 7042

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

Conditions to avoid: Wärme, Flamme, Funken

### 10.3. Possibility of hazardous reactions

Reaktion mit starken Oxidationsmittel

### 10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

### 10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide. Carbon dioxide.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 5 of 7

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### 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
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	oral	LD50 5045 mg/kg	RAT	
		dermal	LD50 12800 mg/kg	RABBIT	
		inhalative (4 h) vapour	LC50 30 mg/l	RAT	
8028-48-6	Orange, sweet, ext.	oral	LD50 4400 mg/kg	RAT	
		dermal	LD50 >2200 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

According to the present state of knowledge negative ecological effects are not expected.

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

No information available.

#### 12.4. Mobility in soil

in delivery condition: liquid

#### Further information

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations. Completely emptied packings can be re-cycled. Waste disposal according to official state regulations.

##### Waste disposal number of used product

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

##### Contaminated packaging

Consult the appropriate authorities about waste disposal.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 6 of 7

#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number:** UN 1993  
**14.2. UN proper shipping name:** 1993 Entzündbarer flüssiger Stoff, N.A.G  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Classification code: F1  
Transport category: 2  
Hazard No: 33  
Tunnel restriction code: D/E

##### Other applicable information (land transport)

Not restricted

##### Inland waterways transport (ADN)

**14.1. UN number:** UN 1993  
**14.2. UN proper shipping name:** Flammable Liquid, N.O.S  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II

##### Other applicable information (inland waterways transport)

Not restricted

##### Marine transport (IMDG)

**14.1. UN number:** UN 1993  
**14.2. UN proper shipping name:** Flammable Liquid, N.O.S  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II

##### Other applicable information (marine transport)

Not restricted

##### Air transport (ICAO)

**14.1. UN number:** UN 1993  
**14.2. UN proper shipping name:** Flammable Liquid, N.O.S  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II

##### Other applicable information (air transport)

Not restricted

##### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



##### 14.6. Special precautions for user

Flammable liquids



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Jokisch Fosia Clean Citro

Print date: 24.01.2017

Product code: 146L

Page 7 of 7

#### 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): 100

###### National regulatory information

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)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.

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