

# TECHNICAL DATA SHEET



## JOKISCH MONOS PRIX V4G (Jokisch Cutting Paste 897 CF)

Cutting paste for severe metal processing.

Properties: Suited for drawing operations

### APPLICATION

For severest machining processes in which the liquid metalworking oils no longer provide satisfactory results. The product is especially developed for severest metal processing such as tapping, threading, reaming, drilling, broaching, milling etc of ferrous and non-ferrous metal, high alloyed steel and iron-cast.

The range of application covers high-alloyed carbon steel, chromium-nickel alloys V.A., austenitic, ferritic chromium-nickel steel (stainless and heat-resistant alloys), titanium, manganese, cast steel, cast iron, malleable casting, etc.

### CHARACTERISTICS

Based on waxes and vaselines with carefully coordinated sulfur and phosphorus compounds as EP additives (extreme pressure additives). The paste allows high cutting speeds with low tool wear and excellent surface quality.

### TECHNICAL SPECIFICATIONS

	UNIT	METHOD	JOKISCH MONOS PRIX V4G
Kin. viscosity at 40°C	mm <sup>2</sup> /s	DIN 51 562	-
Density at 20°C	g/cm <sup>3</sup>	DIN EN ISO 12185	1
Flash point	°C	DIN ISO 2592	250

This information is based on the latest state of knowledge. They are intended to describe the product and thus do not have the meaning to assure certain properties. A liability can not be derived from this.

### STORAGE

Storage temperature: 5 – 40°C  
Storage time: 36 months

Jokisch GmbH  
Fabrik für Schmier- und Kühlmittelspezialitäten

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**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**E-897**

Revision date: 15.08.2019

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**1. Identification****Product identifier**

E-897

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Cutting oil

**Details of the supplier of the safety data sheet**

Company name:	Intercon Enterprises Inc.	
Street:	6901 72 Street Unit 216	
Place:	CDN Delta BC V4G 0A2	
Telephone:	604 946-6066	Telefax: 604 946-5340
e-mail:	sales@intercon1978.com	
Internet:	www.intercon1978.com	
Responsible Department:	Manufacturer:	
	Jokisch GmbH, Germany	
	Industriestraße 5, D-33813 Oerlinghausen	
	Phone: +49.5202.9734-0	
	Fax: +49.5202.9734-49	

**Emergency phone number:** Giftnotruf Berlin: +49 (0) 30 / 30 686 790**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Respiratory or skin sensitization: Skin Sens. 1

Reproductive toxicity: Lact.

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause an allergic skin reaction

May cause harm to breast-fed children

**Precautionary statements**

Obtain special instructions before use.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid contact during pregnancy/while nursing.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of Water..

Wash contaminated clothing before reuse.

If exposed or concerned: Get medical advice/attention.

**Hazards not otherwise classified**

No further relevant information available.

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**3. Composition/information on ingredients****Mixtures****Hazardous components**

CAS No	Components	Quantity
85535-85-9	Chlorierter aliphatischer Kohlenwasserstoff mit ca. 50% Chlor (Basis C14-17)	37.33 %
	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	0.7107 %

**4. First-aid measures****Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

**After inhalation**

Provide fresh air.

**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.

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

**Unsuitable extinguishing media**

High power water jet.

**Specific hazards arising from the chemical**

In case of fire may be liberated:

Carbon dioxide (CO<sub>2</sub>).

Carbon monoxide

Nitrogen oxides (NO<sub>x</sub>).

**Special protective equipment and precautions for fire-fighters**

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

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

**Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

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

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Large quantities remove mechanically  
Clean contaminated articles and floor according to the environmental legislation.  
Clean with detergents. Avoid solvent cleaners.

**Reference to other sections**

Disposal: see section 13

**7. Handling and storage****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.

**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 humidity.  
Recommended storage temperature: 5-40 °C

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.  
Do not store with strong oxidizing agents.  
Maximum period of storage (time): 3

**8. Exposure controls/personal protection****Control parameters****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**

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.  
Wash hands before breaks and after work.  
Gloves of appropriate material (i.e. nitrile 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 exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Paste
Color:	yellow brown

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Odor: characteristic

**Test method**

pH-Value (at 20 °C):	not determined
<b>Changes in the physical state</b>	
Initial boiling point and boiling range:	not determined
Flash point:	250 °C DIN EN 57
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	320 °C ASTM E 659
Vapor pressure:	not determined
Density (at 20 °C):	1 g/cm <sup>3</sup> ASTM D 1298
Water solubility: (at 20 °C)	insoluble
Viscosity / kinematic: (at 40 °C)	ASTM D 7042

**Other information**

No further relevant information available.

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

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

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

Protect against: heat.

**Incompatible materials**

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

**Hazardous decomposition products**

Hazardous decomposition products: none/none

**11. Toxicological information****Information on toxicological effects**

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### Acute toxicity

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
85535-85-9	Chlorierter aliphatischer Kohlenwasserstoff mit ca. 50% Chlor (Basis C14-17)				
	oral	LD50 >2000 mg/kg	Ratte		
	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

### Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the single components.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## 12. Ecological information

### Mobility in soil

in delivery condition: solid

## 13. Disposal considerations

### Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

## 14. Transport information

### Marine transport (IMDG)

#### UN number:

UN 3077

#### UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(alkanes, C14-17, chloro; chlorinated paraffins, C14-17)

#### Transport hazard class(es):

9

#### Packing group:

III

#### Hazard label:

9



#### Special Provisions:

274, 335, 966, 967, 969

#### Limited quantity:

5 kg

#### Excepted quantity:

E1

#### EmS:

F-A, S-F

### Air transport (ICAO-TI/IATA-DGR)

#### UN number:

UN 3077

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**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(alkanes, C14-17, chloro; chlorinated paraffins, C14-17)

**Transport hazard class(es):** 9

**Packing group:** III

**Hazard label:** 9



Special Provisions: A97 A158 A179 A197

Limited quantity Passenger: 30 kg G

Passenger LQ: Y956

Excepted quantity: E1

IATA-packing instructions - Passenger: 956

IATA-max. quantity - Passenger: 400 kg

IATA-packing instructions - Cargo: 956

IATA-max. quantity - Cargo: 400 kg

## Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: alkanes, C14-17, chloro; chlorinated paraffins, C14-17

## Special precautions for user

Wear personal protection equipment (refer to section 8).

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

## 15. Regulatory information

### U.S. Regulations

#### National regulatory information

SARA Section 311/312 Hazards:

Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts (-): Immediate (acute) health hazard

### State Regulations

#### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other information

### Hazardous Materials Information Label (HMIS)

Health: 2

Flammability: 0

Physical Hazard: 0

### NFPA Hazard Ratings

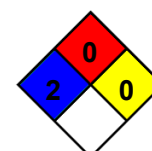
Health: 2

Flammability: 0

Reactivity: 0

Unique Hazard:

### Changes





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Revision No: 1,01

This data sheet contains changes from the previous version in section(s): 1,2,3,4,6,7,9,10,12,13.

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