

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EO Niromont Pastoes VPZS (Art.-Nr.: EONIROMONTPASTX ; EONIROMONTPAST5KG)**

Revision date: 30.01.2025

Product code: 133

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

EO Niromont Pastoes VPZS (Art.-Nr.: EONIROMONTPASTX ; EONIROMONTPAST5KG)

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

Metal cutting paste

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

Company name: Jokisch GmbH  
Germany  
Street: Industriestraße 5  
Place: D-33813 Oerlinghausen  
Telephone: +49(0)5202/9734-0 Telefax: +49(0)5202/9734-49  
E-mail: info@jokisch-fluids.de  
Contact person: Regulatory affairs  
E-mail: MSDS@jokisch-fluids.de  
Internet: www.jokisch-fluids.de  
Responsible Department: Environmental Department

**1.4. Emergency telephone number:**

Emergency telephone number (24h) + 44 1235 239670 (en) Emergency  
telephone number (24h) + 44 1235 239670 (en) Emergency telephone number  
(24h) + 44 1235 239670 (en)

**Further Information**

Reserved for industrial and professional use.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****2.3. Other hazards**

Avoid release to the environment.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
91051-01-3	Fatty acids, C16-18, zinc salts			30 - < 35 %
	293-049-4		01-2119513214-54	

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

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**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
91051-01-3	293-049-4	Fatty acids, C16-18, zinc salts	30 - < 35 %
		inhalation: LC50 = > 50 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	

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

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

**After inhalation**

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

**After contact with skin**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

**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. Consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

**Unsuitable extinguishing media**

High power water jet.

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

In case of fire may be liberated:

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

Carbon monoxide

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

**5.3. Advice for firefighters**

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

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

See protective measures under point 7 and 8.

**For non-emergency personnel**

Provide adequate ventilation. Do not breathe mist/vapours/spray.

**For emergency responders**

Keep away from unprotected people. Keep upwind. Remove persons to safety.

**6.2. 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).

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

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**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
Clean contaminated articles and floor according to the environmental legislation. Clean with detergents. Avoid solvent cleaners.

**6.4. Reference to other sections**

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

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

**Further information on handling**

When using do not eat, drink or smoke.  
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 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.  
Maximum period of storage (time): 3

**7.3. Specific end use(s)**

Observe technical data sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
122-39-4	Diphenylamine	-	10		TWA (8 h)	
		-	20		STEL (15 min)	

**DNEL/DMEL values**

CAS No	Substance			
DNEL type	Exposure route		Effect	Value
91051-01-3	Fatty acids, C16-18, zinc salts			
Worker DNEL, long-term	dermal		systemic	830 mg/kg bw/day
Worker DNEL, long-term	inhalation		systemic	50 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral		systemic	8,3 mg/kg bw/day
Consumer DNEL, long-term	inhalation		systemic	25 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal		systemic	833 mg/kg bw/day

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#### PNEC values

CAS No	Substance	
Environmental compartment		Value
91051-01-3	Fatty acids, C16-18, zinc salts	
Freshwater		0,0150 mg/l
Marine water		0,0044 mg/l
Freshwater sediment		859,9 mg/kg
Marine sediment		412,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,073 mg/l
Soil		259,9 mg/kg

#### 8.2. Exposure controls



#### Individual protection measures, such as personal protective equipment

##### Hand protection

Protect skin by using skin protective cream.  
Wash hands before breaks and after work.

##### 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.

### SECTION 9: Physical and chemical properties

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

Physical state: Metal cutting paste  
Colour: brown  
Odour: characteristic

#### Test method

Boiling point or initial boiling point and boiling range: not determined  
Lower explosion limits: not determined  
Upper explosion limits: not determined  
Flash point: >180 °C DIN ISO 2592  
pH-Value: not determined  
Viscosity / kinematic: not determined  
(at 20 °C)  
Vapour pressure: not determined  
Density (at 20 °C): 0,88 g/cm<sup>3</sup> ASTM D 1298

### SECTION 10: Stability and reactivity

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

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No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Protect against: heat.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

Hazardous decomposition products: none

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 12,5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
91051-01-3	Fatty acids, C16-18, zinc salts				
	oral	LD50 > 5000 mg/kg	RAT		OECD 401
	dermal	LD50 > 2000 mg/kg	RABBIT		
	inhalation (4 h) dust/mist	LC50 > 50 mg/l	Rat		

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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**

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

**Aspiration hazard**

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

**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).

**11.2. Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
91051-01-3	Fatty acids, C16-18, zinc salts					
	Acute fish toxicity	LC50 mg/l	>10000	96 h	Danio rerio	92/69/EEC C.1
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna	OECD 202

**12.2. Persistence and degradability**

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
91051-01-3	Fatty acids, C16-18, zinc salts			
	OECD 301D	93%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
91051-01-3	Fatty acids, C16-18, zinc salts	1,2

**12.4. Mobility in soil**

in delivery condition: viscous

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****List of Wastes Code - residues/unused products**

120112 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; spent waxes and fats; hazardous waste

**List of Wastes Code - used product**

120112 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; spent waxes and fats; hazardous waste

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

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<b>14.1. UN number or ID number:</b>	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of these transport regulations.
<b>14.4. Packing group:</b>	No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of these transport regulations.
<b>14.4. Packing group:</b>	No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of these transport regulations.
<b>14.4. Packing group:</b>	-

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

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of these transport regulations.
<b>14.4. Packing group:</b>	-

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Personal protection equipment: see section 8

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**Other applicable information**

Zolltarifnummer 3403 1980

**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 75

Directive 2010/75/EU on industrial emissions: 0,0%

Directive 2004/42/EC on VOC in paints and varnishes: 0,0%

**National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Fatty acids, C16-18, zinc salts

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,6,7,11,12,15,16.

AICS (Australien), DSL (Kanada), IECSC (China), REACH (Europäische Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (Neuseeland), PICCS (Philippinen), TSCA (USA)

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**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern  
Repr. - Reproduktionstoxizität  
Asp. Tox. - Aspirationstoxizität  
Acute Tox. - Akute Toxizität  
Aquatic Acute - Akute aquatische Toxizität  
Aquatic Chronic - Chronische aquatische Toxizität  
Eye Dam. - Augenschaden/-reizung  
Eye Irrit. - Augenreizung  
Skin Corr. - Ätzwirkung auf die Haut  
Skin Irrit. - Hautreizung  
Skin Sens. - Hautallergen  
Resp. Sens. - Inhalationsallergen  
STOT SE - Spezifische Zielorgan-Toxizität - einmalige Exposition  
STOT RE - Spezifische Zielorgan-Toxizität - wiederholte Exposition  
VOC - Flüchtige organische Verbindungen

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

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