

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Mecutwachs Art.-Nr.: 60 1200**

Revision: 01.10.2025

Product code: 35

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

#### 1.1. Product identifier

Mecutwachs Art.-Nr.: 60 1200

#### 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: Karnasch Professional Tools GmbH  
 Street: Theodor-Heuss-Anlage 12  
 Place: D-68165 Mannheim  
 Telephone: +49 (0) 6203 / 4039 - 0  
 E-mail: info@atakarnasch.com  
 Contact person: Volker Mayer, Sascha Riedel  
 Internet: www.karnasch.tools  
 Responsible Department: Volker Mayer, Sascha Riedel:  
 Tel: 06203 / 4039 - 0

#### 1.4. Emergency telephone number:

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

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

##### Special labelling of certain mixtures

EUH208 Contains Triisobutyl phosphate. May produce an allergic reaction.  
 EUH210 Safety data sheet available on request.

#### 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.  
 High slip hazard because of leaking or spilled product.

### 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)			
126-71-6	Triisobutyl phosphate			0.1 - < 1 %
	204-798-3		01-2119957118-32	
	Skin Sens. 1B; H317			

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	
126-71-6	204-798-3	Triisobutyl phosphate	0.1 - < 1 %
		dermal: LD50 = 5000 mg/kg; oral: LD50 = 5000 mg/kg	

## Further Information

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

## 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. First aider: Pay attention to self-protection!  
Symptoms can occur only after several hours.

#### 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. Seek medical attention if problems persist.

#### 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.

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

No information available.

## 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

Do not inhale explosion and combustion gases. Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

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

#### General advice

Wear personal protection equipment. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

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### For non-emergency personnel

Special danger of slipping by leaking/spilling product.

### For emergency responders

Self-protection of the first aider Remove affected person from the danger area and lay down . Do not leave affected person unattended. Remove all sources of ignition. Use appropriate respiratory protection.

### 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). Treat the recovered material as prescribed in the section on waste disposal .

Collect in closed containers for disposal.

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

#### For containment

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

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

#### Further information on storage conditions

Protect from sunlight. Store in a well-ventilated place.

### 7.3. Specific end use(s)

Observe technical data sheet.

Reserved for industrial and professional use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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## DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
126-71-6	Triisobutyl phosphate			
Worker DNEL, long-term		inhalation	systemic	50 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	4,25 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	8,89 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	2,13 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2,13 mg/kg bw/day

## PNEC values

CAS No	Substance	Value
126-71-6	Triisobutyl phosphate	
Freshwater		0,014 mg/l
Marine water		0,001 mg/l
Freshwater sediment		2,05 mg/kg
Marine sediment		0,205 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,72 mg/l
Soil		0,426 mg/kg

## Additional advice on limit values

To date, no national critical limit values exist.

## 8.2. Exposure controls



### Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

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

#### Eye/face protection

EN 166

#### 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

With correct and proper use, and under normal conditions, breathing protection is not required.

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

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### SECTION 9: Physical and chemical properties

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

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

Boiling point or initial boiling point and boiling range:	not determined	<b>Test method</b>
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	250 °C	DIN ISO 2592
Auto-ignition temperature:	350 °C	ASTM E 659
pH-Value:	not applicable	
Viscosity / kinematic: (at 40 °C)	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	1 g/cm <sup>3</sup>	DIN EN ISO 12185

#### 9.2. Other information

No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No known hazardous reactions.

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

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

##### Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.  
Data apply to the main component.

##### 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) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
126-71-6	Triisobutyl phosphate				
	oral	LD50 mg/kg 5000	Rat	ECHA	
	dermal	LD50 mg/kg 5000	Rabbit	ECHA	

## 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.

Contains Triisobutyl phosphate. May produce an allergic reaction.

## 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.

## SECTION 12: Ecological information

### 12.1. Toxicity

The statement is derived from the properties of the components.

### 12.2. Persistence and degradability

Product is not easily biodegradable.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
126-71-6	Triisobutyl phosphate			
	OECD Guideline 301 B	70-80%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

### 12.3. Bioaccumulative potential

No information available.

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### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
126-71-6	Triisobutyl phosphate	3,72

### 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

#### Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of contents/container to an appropriate recycling or disposal facility. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Non-contaminated packages may be recycled.

#### 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

#### Contaminated packaging

Non-contaminated packages may be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number or ID number:

No dangerous good in sense of these transport regulations.

#### 14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of these transport regulations.

#### 14.4. Packing group:

No dangerous good in sense of these transport regulations.

### Inland waterways transport (ADN)

#### 14.1. UN number or ID number:

No dangerous good in sense of these transport regulations.

#### 14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of these transport regulations.

#### 14.4. Packing group:

No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

#### 14.1. UN number or ID number:

No dangerous good in sense of these transport regulations.

#### 14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of these transport regulations.

#### 14.4. Packing group:

-

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

#### 14.1. UN number or ID number:

No dangerous good in sense of these transport regulations.

#### 14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of these transport regulations.

#### 14.4. Packing group:

-

### 14.5. Environmental hazards

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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

## **SECTION 15: Regulatory information**

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

#### **EU regulatory information**

Directive 2010/75/EU on industrial emissions: 0,0 g/L

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

#### **National regulatory information**

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

Water hazard class (D): 1 - slightly hazardous to water

### **15.2. Chemical safety assessment**

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

## **SECTION 16: Other information**

### **Changes**

This data sheet contains changes from the previous version in section(s): 11.

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

Skin Sens. 1B: Skin sensitisation, hazard category 1B  
 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

### Relevant H and EUH statements (number and full text)

H317	May cause an allergic skin reaction.
EUH208	Contains Triisobutyl phosphate. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

### 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.)*