



### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

#### **Unsuitable extinguishing media**

Full water jet.

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

Fire gas of organic material has to be classed invariably as respiratory poison.

### **5.3. Advice for firefighters**

Use breathing apparatus with independent air supply.

#### **Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Keep away from sources of ignition - No smoking.

### **6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system.

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

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.  
After taking up the material dispose according to regulation.

### **6.4. Reference to other sections**

Information for disposal see section 13.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid dust formation.

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

Keep away from sources of ignition - No smoking.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Further information on storage conditions**

Keep from freezing. Protect from heat and direct solar radiation.  
Keep container dry, tightly closed and store at cool place.

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

Polishing agent

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

### **8.2. Exposure controls**

#### **Appropriate engineering controls**

Provide sufficient air exchange and/or exhaust in work rooms.

#### **Protective and hygiene measures**

Do not breathe dust.

Avoid contact with eyes and skin.

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

#### **Eye/face protection**

Safety goggles (EN 166).

#### **Hand protection**

Protective gloves (EN 374)

Preventive hand protection is recommended.

### Skin protection

Protection clothes

### Respiratory protection

Breathing apparatus (particle filter) only if dust is formed. (P1)

## SECTION 9: Physical and chemical properties

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

Physical state:	Solid
Colour:	Blue
Odour:	faint

pH-Value:	n.d.
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### Changes in the physical state

Melting point:	57 - 61 °C
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Initial boiling point and boiling range:	n.d.
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Flash point:	> 180 °C
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Explosive properties	The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated
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Lower explosion limits:	n.a.
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Upper explosion limits:	
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Ignition temperature:	n.a.
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Oxidizing properties	None
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Density (at 20 °C):	1,48 g/cm <sup>3</sup>
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Water solubility: (at 20 °C)	insoluble
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Viscosity / dynamic:	n.d.
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Solvent content:	0 %
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### 9.2. Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No decomposition if stored and applied as directed.

### 10.2. Chemical stability

Chemically stable.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid the formation and deposition of dust. Keep away sources of ignition.

### 10.5. Incompatible materials

Not known.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### Further information

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

#### 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.

### **STOT-single exposure**

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

### **Severe effects after repeated or prolonged exposure**

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

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

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

### **Aspiration hazard**

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

### **Practical experience**

#### **Other observations**

Take the usual precautions when handling with chemicals.

#### **Further information**

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

No data available.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

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

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

### **12.6. Other adverse effects**

No data available.

#### **Further information**

Do not discharge into the drains or bodies of water.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number.

The waste code number must be agreed with the disposer / manufacturer / competent authority.

#### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

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## **SECTION 14: Transport information**

**Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)**

**14.1. UN number:**

No hazardous material as defined by the transport regulations.

**14.2. UN proper shipping name:**

No hazardous material as defined by the transport regulations.

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

No hazardous material as defined by the transport regulations.

**14.4. Packing group:**

No hazardous material as defined by the transport regulations.

**14.5. Environmental hazards**

No hazardous material as defined by the transport regulations.

**14.6. Special precautions for user**

No hazardous material as defined by the transport regulations.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No hazardous material as defined by the transport regulations.

**SECTION 15: Regulatory information**

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

**National regulatory information**

Water contaminating class (D): - - not water contaminating

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**

**Changes**

Changes in chapter: -

**Abbreviations and acronyms**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

**Safety Data Sheet** according to Regulation (EC) No 1907/2006

Polirapid

Revision date: 05.03.2018

Revision No: 1,0

**P3 Polishing Blue (POP 93 100)**

Product code: 10796-003

**Polirapid**  
Dr. MONTEMERLO GmbH & Co. KG

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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.)*