

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product: P2 Polishing Green

Part no.: POP 92 100

1.2. Relevant identified uses of the substance or mixture

Use of the substance/mixture: Polishing agent

1.3. Details of the supplier of the safety data sheet

Manufacturer : Polirapid
Dr. Montemerlo GmbH & Co KG
Josef-Schüttler-Straße 49
D-78224 Singen (Hohentwiel)
Tel.: 07731 / 947220
Fax. 07731 / 947221

Information: Polirapid
Dr. Montemerlo GmbH & Co KG
Josef-Schüttler-Straße 49
D-78224 Singen (Hohentwiel)
Tel.: 07731 / 947220
Fax.: 07731 / 947221

Emergency contact: Polirapid
Dr. Montemerlo GmbH & Co KG
Tel.: 07731 / 947220
Fax.: 07731 / 947221

2. Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards.

No data available.

3. Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Fatty acid compound of defined chain length distribution with inorganic oxides.

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 - 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 1 von 8 |

4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

After contact with skin

In case of contact with skin wash off with soap and water.

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion

Rinse out mouth thoroughly with water.

If symptoms persist, call a physician.

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

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), 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.

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.

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 - 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 2 von 8 |

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.

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

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)

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 - 16.03.2020 | www.gbK-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 3 von 8 |

9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
 Colour: green
 Odour: faint
 PH-Value: n.d.

Changes in the physical state

Melting point: 57 - 61 °C

Initial boiling point and boiling range: n.d.

Flash point: > 180 °C

Explosive properties The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated

Lower explosion limits: n.a.

Upper explosion limits: n.a.

Ignition temperature: n.a.

Oxidizing properties: None

Density (at 20 °C): 1,48 g/cm³

Water solubility (at 20 °C): insoluble

Viscosity / dynamic: n.d.

Solvent content: 0 %

9.2. Other information

No data available.

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.

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 – 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 4 von 8 |

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Further information

No decomposition if stored and applied as directed.

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.

12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bio accumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 – 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 5 von 8 |

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

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.

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.

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 - 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 6 von 8 |

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.

16: Other information

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)

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 - 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 7 von 8 |

Safety Data Sheet acc. EG No.1907/2006

POP 92 100 P2 Polishing Green

Product code: 10796-002



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

| Doc. | Revision | Created by | Revised by: | Page: |
|-----------------|----------------|----------------------|---|---------|
| DB - POP 92 100 | 2 – 16.03.2020 | www.gbk-ingelheim.de | Dipl.-Wirtsch.-Ing. Andreas Schulze (GF) | 8 von 8 |