


<p>Page 1 of 5</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Paracetamol plv., API</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

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

· **Informations to product No. 4003**

· **Product name:**

Paracetamol plv., API
N-Acetyl-p-aminophenolum, Paracetamolum

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

· **GHS-Labeling Elements:**



· **Signal word:** Warning

· **H-Phrases:**

H302 Harmful if swallowed

H412 Harmful for aquatic life with long lasting effects

· **P-Phrases:**


P301 IF SWALLOWED:

P311 Call a POISON CENTER or doctor/physician

P273 Avoid release to the environment

Acute Tox. 4

Aquatic Chronic 3

<p>Page 2 of 5</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Paracetamol plv., API</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

3 Composition / information on ingredients

CAS-No. Substance name

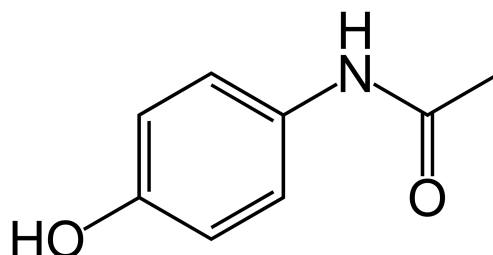
103-90-2 Paracetamol (4-(Acetylamino)-phenol

• **EINECS-No.:** 203-157-5

• **REACH Reg. No.:** 01-2119935246-37-0000

• **INCI-Name:** Acetaminophen

• **Chemical characterization:**



4 First aid measures


- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If irritation continues, call in ophthalmologist..
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible but not flammable. In case of fire dangerous gases / vapours can be released: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

<p>Page 3 of 5</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Paracetamol plv., API</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

7 Handling and storage

- **Handling:**
- **Advice on safe handling:** The usual precaution measures during handling of chemicals should be observed.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment

- **General protective and hygiene measures:** Keep away from food, beverages and animal food. Take off contaminated clothes immediately. Wash hands before breaks and after work. Avoid contact with eyes and skin.
- **Personal protective equipment:**
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber.
- **Eye protection:** Safety glasses.

9 Physical and chemical properties


- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 169 - 171 °C
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Ignition temperature:** 540 °C
- **Density:** (20 °C) 1,293 g/cm³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 14 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Above melting point.
- **Materials to avoid:** Strong oxidants.
- **Hazardous decomposition products:** At high temperatures irritant or harmful vapours are released.
- **Additional information:** Combustible, reactive, sensitive against air, light sensitive, dust explosion possible.

11 Toxicological information

- **Acute toxicity:**
LD50 (oral, Rat): 1944 mg/kg (RTECS)
LDL0 (oral, man): 143 mg/kg (RTECS)
LDL0 (oral, child): 50 mg/kg (RTECS)
- **Primary irritant effect:**

<p>Page 4 of 5</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Paracetamol plv., API</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

- **on eyes:** no irritant effect.
- **Additional toxicological informations:** After swallowing of big quantities: Resorption, Illness, Drop in blood pressure. After chronical consumption liver and kidneys are damaged..

12 Ecological information

- **Information about elimination (persistence and degradability):**
Biodegradation: 57% / 28d (OECD 301 F)..
- **Behaviour in environmental systems:**
- **Mobility and bioaccumulation potential:**
- **Log pOW:** 0,51.
Bioaccumulation is not likely.
- **Aquatic toxicity:**
Harmful effect on water organisms
Danio rerio LC50: 378 mg/l / 48h
Daphnia magna EC50: 50 mg/l / 48h
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations


- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H-Phrases:**
H302 Harmful if swallowed
H412 Harmful for aquatic life with long lasting effects
- **P-Phrases:**
P301 IF SWALLOWED:
P311 Call a POISON CENTER or doctor/physician
P273 Avoid release to the environment
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

<p>Page 5 of 5</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Paracetamol plv., API</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

· **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.