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

· **Informations to product No. 2511**

· **Product name:**

Phenylbutazon, API

Phenylbutazonum

Phanylbutazone

· **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:** Danger

· **H-Phrases:**

H301 Toxic if swallowed.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer

H335 May cause respiratory irritation.


· **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician

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Acute Tox. 4
Skin Irrit. 2
Eye Irrit. 2
STOT SE 3

3 Composition / information on ingredients

CAS-No. Substance name

50-33-9 Phenylbutazon

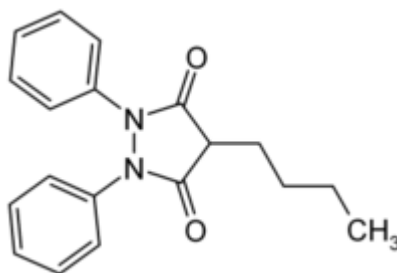
• **EINECS-No.:** 200-029-0

• **REACH Reg. No.:** (pre-registered)

• **INCI-Name:** -

• **Description:** medical agent with antipyretic, analgetic and antiphlogistic effect.

• **Chemical characterization:**



4 First aid measures


- **after inhalation:** Fresh air. If feeling unwell seek medical advice.
- **after skin contact:** Wash away with plenty of water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **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.

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• **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** Avoid dust formation.
- **Storage:**
- **Requirements for storage areas and containers:**
Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **Advices on common storage:** Not required.

8 Exposure controls / personal protective equipment

Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.


- **Personal protective equipment:**
- **General protective and hygiene measures:**
Keep away from food, beverages and animal food.
Wash hands before breaks and after work.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** nearly odourless
- **Melting point / melting range:** 104 - 107 ° C
- **Boiling point / boiling range:** not determined
- **Explosion hazard:** Dust explosion possible
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** (22,5 °C) 0,7 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Carbon monoxide, Carbon dioxide, nitrogen oxides.

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11 Toxicological information

- **Acute toxicity:**

LD50(oral,Rat): 245 mg/kg

- **Primary irritant effect:**

- **on skin:** Irritant to skin. Harmful in contact with skin

- **on eye:** Irritating effect.

if swallowed: Harmful if swallowed.

- **on respiratory organs:** Irritating to respiratory system.

- **Sensitization:** Sensitization possible by inhalation. Contact may cause skin sensitization.

- **Subacute to chronic toxicity:**

- **Carcinogenicity:** Carcinogen category 2

12 Ecological information

- **Ecotoxicological effects:**

Quantitative ecotoxicological data for this product are not available.

- **Water hazard class:** 1 (self classification): slightly hazardous for water.

- **General advices:**

Prevent from leaking into ground water, environment waters or drainage.

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:**

- **Proper shipping name:** Toxic solids, organic, n.o.s., Phenylbutazone

- **Class:** 6.1

- **UN-number:** 2811

- **Packing group:** III

- **Classification code:** T2

- **Limited quantities (Table 3.4.6. ADR):** 5 kg

- **Hazard classification number:** 60

- **Special provisions (Chapter 3.3 ADR):** 274, 614

- **Additional informations for sea transport IMDG:**


- **EMS-No.:** F-A, S-A

- **Properties:** -

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.

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• **Hazard symbols:** GHS06, GHS08

• **Signal word:** Danger

• **H-Phrases:**

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• **National regulations (Germany):**

• **Water hazard class:** see chapter 12

• **Storage class TRGS 510:** 6.1C

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.