

MATERIAL SAFETY DATA SHEET

RASPBERRY KETONE NATURAL

1. Identification

- Chemical name 4-(p-Hydroxyphenyl)-2-butanone
- Synonyms Raspberry Ketone
- Molecular Formula $C_{10}H_{12}O_2$
- Molecular Weight 164.20
- CAS No. 5471-51-2
- FEMA No. 2588
- EINECS No. 226-806-4
- FDA 172.510
- CoE 755
- REACH Registration number 01-2120081921-55-0002
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2. Hazards identification

- **Classification of the substance or mixture**
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
This substance is not classified as dangerous according to Directive 67/548/EEC.
- **Label elements**
The product does not need to be labelled in accordance with EC directives or respective national laws.
- **Other hazards** none

3. Composition/information on ingredients

- Raspberry Ketone $\geq 99\%$

4. First aid measures

- **Eye contact:**
Rinse immediately with tap water for 10 minutes open eyelids forcibly;
consult a physician if irritation persists
- **Skin contact:**
Remove immediately contaminated clothes, wash affected skin with water and soap - do not use any solvents;

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consult a physician if skin irritation persists

- **Inhalation:**

Remove from exposure and move to fresh air immediately.

Get medical aid.

- **Ingestion:**

If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Get medical aid. induce vomiting.

5. **Fire-fighting measures**

- **General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

- **Extinguishing Media:**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

- **Special method of fire-fighting**

Cool endangered containers with water spray; Containers may explode when heated.

6. **Accidental release measures**

- **General Information:**

Use proper personal protective equipment as indicated in Section 8.

- **Spills/Leaks:**

Vacuum or sweep up material and place into a suitable disposal container.

7. **Handling and storage**

- **Handling:**

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

- **Storage:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. **Exposure controls and personal protection**

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- Technical measures local exhaust ventilation necessary
take precautionary measures against electrostatic charging
processing in closed systems, if possible superposed by inert gas
(e.g. nitrogen).
- Engineering Controls Facilities storing or utilizing this material should be equipped with
an eyewash facility and a safety shower..
- Respiratory protection In case of olfactory nuisance: respirator with independent air
supply or mask with activated charcoal filter
- Eyes Safety glasses
- Hand Protective gloves
- Skin Wear appropriate protective clothing to prevent skin exposure

9. Physical and chemical properties:

- Form Crystalline
- Color Light yellow
- Odor Raspberry
- PH value at 10g/l H₂O N/A
- Boiling point 292 °C
- Flash point N/A
- Melting point 82-84 °C - lit.
- Explosive properties N/A
- Lower explosion limit N/A
- Upper explosion limit N/A
- Ignition temperature N/A
- Oxidizing properties N/A
- Vapor pressure N/A
- Specific gravity @25°C N/A
- Solubility in water N/A
- Organic solvents Soluble

10. Stability and reactivity

- Chemical Stability Stable under recommended storage conditions.
- Conditions to Avoid No information available.
- Substances to be avoided Strong oxidizing agents
- Hazardous decomposition Carbon oxides
- Hazardous Will not occur.

11. Toxicological information

- Acute toxicity No information available.
- Sensitization No information available.

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- Mutagenicity No information available.
- Other Studies See actual entry in RTECS for complete information.

12. Ecological information

- No information available

13. Disposal considerations

- Waste from residues Observe local/national regulations regarding waste disposal
Incinerate in qualified installation with flue gas scrubbing

14. Transport information

- **UN number** IMDG:- IATA:-
ADR/RID:-
- **Shipping Name**
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods
- **Hazard Class**
ADR/RID:- IMDG:- IATA:-
- **Packing Group**
ADR/RID:- IMDG:- IATA:-

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- **Chemical Safety Assessment**
no data available

16. Other information

- Document Number B-N25880-09
- Creation Date Jan. 17, 20
- Revision 9.0
- Disclaimer The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

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