



Material Safety Data Sheet

Version 1.0

Revision Date 10/29/2014

Print Date 10/29/2014

1. Identification of the substance/preparation and of the company

- **Product name:** Solanone
- **Recommended use:** Flavorings
- **Manufacturer:** Shenzhen Boton Flavors & Fragrances Co., Ltd.
- **Company address:** Kaihong 2nd industrial area 79-80.Nanshan District, Guangdong
- **Emergency telephone no.:** +86-0755-2658 6699
- **Fax no.:** +86-0755-2661 2054

2. Composition/information on ingredients

- **Chemical identity:** Solanone
- **Molecular formula:** 194
- **CAS No.:** 54868-48-3
- **BRN No.:** 4377836
- **EC-Index-No.:** N/a

3. Hazards Information On Substance

- **Health hazards:** No data available yet
- **Fire and explosion hazards:** Not combustible, flammable or explosive
- **Environmental hazards:** No environmental hazards as far as to our knowledge

4. First-Aid Measures

- **After inhalation:** Remove to well-ventilated area. Seek medical attention.
- **After skin contact:** Take off all contaminated clothing, wash with plenty of water.
- **After eye contact:** Rinse thoroughly with plenty of water and seek medical advice.



- **After swallowing:** Immediately drink plenty of water, seek medical advice and show this container or label.
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5. Fire-Fighting Measures

- **Flammability of the Product:** Maybe combustible at high temperature.
 - **Extinguisher media:** Water Spray, Carbon Dioxide, Dry Chemical Powder, sand, foam or other appropriate form.
 - **Other information:** cool container with water spray from a safe distance. Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater. Keep away from sources of ignition.
 - **Special risks:** Development of hazardous combustion gases or vapors possible in the event of fire.
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6. Accidental release measures

- **Person-related precautionary measures:** do not inhale vapors/aerosols. Ensure supply of fresh air in enclosed rooms.
 - **Environmental-protection measures:** do not allow to enter sewerage system.
 - **Procedures for cleaning/absorption:** take up with liquid-absorbent material. Forward for disposal. Clean affected area.
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7. Handling and storage

- **Handling:** Take precautionary measures against static discharges. Keep away from source of ignition. When using do not eat or drink.
 - **Storage:** Tightly closed in a well-ventilated place. Keep away from source of ignition- no smoking.
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8. Exposure controls and personal protection



- **Exposure limits:** none
 - **Ventilation requirements:** Use only in systems processed and procedures in which effective ventilation has been provided.
 - **Respiratory:** Appropriate eyes protection, such as NIOSH/MSHA approved masks, should be worn to prevent inhalation.
 - **Eyes:** Appropriate respiratory protection, such as chemical-type goggles, should be worn to prevent eye contact.
 - **Gloves:** Wear appropriate gloves to avoid contact with skin.
 - **Special clothing:** Wear adequate clothing to avoid contact with skin.
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9. Physical and chemical properties:

- **Form:** Liquid
- **Color:** Colorless to Slightly yellow
- **Odor:** Sweet, fresh carrot
- **Boiling point:** 105~110°C (799.8pa)
- **Flash point:** >110°C
- **Melting point:** N/a
- **Explosive properties:** No information available
- **Lower explosion limit:** No information available
- **Upper explosion limit:** No information available
- **Ignition temperature:** No information available
- **Oxidizing properties:** Not oxidizing; Not flammable
- **Density/specific gravity(20°C):** 0.870
- **Refractive(20°C):** 1.4755
- **Solubility in water:** insoluble
- **Solubility in ethanol:** soluble
- **Partition coefficient (log p O/W):** No information available

10. Stability and reactivity

- **Stability&Reactivity:** The compound is stable at room temperature in closed containers.
 - **Conditions to avoid:** Incompatible materials, light, dust generation, moisture, excess heat, strong oxidants.
 - **Materials to avoid:** Oxidizing agents.
 - **Hazardous decomposition products:** No information available.
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11. Toxicological information

- LD50 oral, rat:** No information available
- LD50 dermal, rabbit:** No information available
- Further toxicological information:** No information available
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12. Ecological information

- **Biologic degradation:** No information available
 - **Ecotoxic effects:** No information available
 - Biological effects: No information available
 - Fish toxicity: No information available
 - Bacterial toxicity: No information available
 - Daphnia toxicity: No information available
 - Algal toxicity: No information available
 - **Further ecological data:** Do not allow to enter water, drain or soil
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13. Disposal considerations

- **Product:** according to official local regulations.
- **Packing:** according to official local regulations.



14. Transport information

- Not subject to transport regulations
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15. Regulatory information

- Labeling according to EC Directives:

Symbol	N/a
R-phrases	N/a
S-phrases	N/a
EC-no.	N/a

16. Other Information

- The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the product in terms of their safety requirements. The data does not signify and warranty with regards to the product's properties.