

Benzophenone-4

1, Product and Company Identification

- MSDS Name: Benzophenone-4, (SULISOBENZONE-USP)
- Chemical name: 2-hydroxy-4-methoxy-benzophenone-5-sulfonic acid
- Company Information: Manufacturer:
 - HANGZHOU FLYING TECHNOLOGY CO., LTD.
 - Office C-1512, MeiDu Plaza, GongShu District, Hangzhou, Zhejiang Province, P.R. China.
 - Tel: 0086-571-87389059
 - Fax: 0086-571-87389060

2, Composition/Date on components

- Chemical characterizations: Cas# 4065-45-6
- Designation: 2-hydroxy-4-methoxy-benzophenone-5-sulfonic acid
- EINECS#: 223-772-2
- Hazard Symbols: None Listed
- Risk Phrases: None Listed

3, Hazards identification

- Eyes & skins: Irritating.
- Advice on critical hazards to man and the environme.

4, Physical Data

- Physical State: Powder Color: Light yellow Odor: Odorless
- Bulk density: 830kg/m3 (approx.) H value: (at 10 g/l, 20jflC) \< 2
- Density: (25 jflC) 0.90 g/cm3

5, Fire fighting measures

- Suitable Extinguishing Media: : Water spray, carbon dioxide (CO2), dry extinguish ing media, foam
- Special protective equipment: Wear self-contained breathing apparatus and protective suit.
- Further information: Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6, First aid measures

- Eye Contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist..
- Skin Contact: Wash thoroughly with soap and water.
- Inhalation: keep patient calm, remove to fresh air, summon medical help.
- Ingestion: Immediately rinse mouth and then drink plenty of water, summon hysician.

7, Accidental release measures

- Personal precautions: Avoid dust formation..
- Environmental precautions: Do not let product enter drains..

8, Handling and storage

- Handling: Protection against fire and explosion Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Avoid dust formation..
- Storage: Keep tightly closed in a dry and cool place. contact with skin..

9, Exposure controls/personal protection first aid instructions

- Respiratory protection: Effective dust mask
- Hand protection: Gloves
- Eye Protection: Goggles.
- Skin and body protection: Lightweight protective clothing.
- General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed.

10, Stability and reactivity

- Thermal decomposition: Starts to decompose at 150 C..
- Hazardous decomposition products: None provided product is correctly processed.
- Hazardous reactions with: Strong alkalis, peroxides, and strong oxidizing agents. Dust explosion hazard.

11, Toxicological information

- LD/oral/rat: > 5 000 mg/kg
- Primary skin irritation/rabbit/: Irritant
- Primary mucous membrane irritation/rabbits' eyes: Irritant
- Other information: Ames-test: no mutagenic effect

12, Ecological information

- Ecotoxic effects: No Observed Effect Concentration (NOEC): 220 mg/l
EC/LC0 (48 h): 220 mg/l LC50/Leuciscus idus/: > 220 \< 460 mg/l/96h
- Elimination information: Method of analysis: DOC reduction. Degree of elimination: \< 20% Evaluation: Not readily biodegradable
- Behavior and Environmental fate: Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Inhibition of respiration in activated sludge EC20 > 1 000 mg/l(ISO 8192/ OECD 209/ EEC 88/302 C).

13, Disposal considerations

- Product: Must be disposed of by special means, e.g. suitable incineration, in accordance with local regulations.

14, Transport information

- Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labeling for air, maritime, US or

European ground transport purposes

15, Regulatory information

- Labeling according to EEC Directives: Xi Irritant R36/38 Irritating to eyes and skin. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- National legislation/regulations water hazard class:WGK1(Germany)self-classification)

16, Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other material or in any process unless specified in the text. Information is supplied upon the condition that the receivers will make their own determination as to its suitability for their purposes prior to use. In no event will VIVIMED LABS LIMITED be responsible for damage of any nature whatsoever resulting from the use of or upon reliance of the information.