

# Safety Data Sheet

SDS Creation Date:03/ 16/2015

Version 1.3

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

**Product Name:** Raspberry ketone

**Company Identification:**

Shaanxi Guanjie Technology Co., Ltd

Add: 6th floor, 2nd building, Xijing NO.3, XiJing industrial park , DianZi western street, Xi'an, ShaanXi

Tel.:0086-29-88253271

## 2.HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**



Acute Tox. 4 H302 Harmful if swallowed

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xn; Harmful

R22: Harmful if swallowed

Information concerning particular Hazards

For human and environment : Not applicable

Other hazards that do not result in Classification: No information known

**Label elements**

**Labelling according to regulation (EC) NO 1272/2008:** The substance is classified and labelled according to the CLP regulation

**Hazard pictograms:**



GHS07

**Signal word:** Warning

**Hazard statements:** H302 Harmful if swallowed.

**Precautionary statements:**

P264 Wash thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P301+P312 IF SWALLOWED : Call a POISON CENTER or doctor/physician if you feel unwell

P330 Rinse mouth

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## **Other hazards**

### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## **3.Composition/information on ingredients**

### **Substances**

**CAS# Designation:** 5471-51-2 4 -(4-Hydroxyphenyl)-2-butanone

**Assay :** ≥99.5% (GC)

**Identification number(s):EC number:** 226-806-4

## **4.First aid measures**

### **Description of first aid measures**

#### **After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

Seek immediate medical advice.

#### **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

#### **After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

**After swallowing** Seek medical treatment.

## **5.Firefighting measures**

### **Extinguishing media Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

### **Special hazards arising from the substance or mixture**

Can be released in case of fire.

Carbon monoxide and carbon dioxide

**Advice for firefighters Protective equipment:** Wear self-contained breathing apparatus.

Wear full protective suit.

## **6.Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

### **Environmental Precautions:**

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

Do not allow mater to be released to the envionment without proper governmental permits.

Do not allow product to reach sewage system or water bodies

Do not allow to enter the groud/soil.

**Methods and material for containment and cleaning up:**

Dispose of contaminated material as waste according to item 13.

**Prevention of secondary hazaeds:** No special measures required.

**Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for information on disposal.

## 7.Handling and storage

**Precautions for safe handling:**

Keep containers tightly sealed.

Store in cool, dry place in tightly closed containers.

Ensure good entilation/exhauision at the workplace.

**Information about protection against explosions and fires:** No information known

**Conditions for safe storage, including any incompatibilities Storage**

**Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:**

store away from oxidizing agents.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

**Specific end use(s)** No further relevant information available.

## 8.Exposure controls/personal protection

**Additional information about design of technical systems:**

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

**Control parameters**

**Components with critical values that require monitoring at the workplace:**

Not required.

**Additional information:**No data

**Exposure controls**

**Presonal protective equipment**

**General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

Avoid contact with the eyes and skin.

**Breathing equipment:** Use breathing protection with high concentrations.

**Protection of hands:** Check protective gloves prior to each use for their proper condition.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Eye protection:** Safety glasses  
Face protection

**Body protection:** Protective work clothing.

## 9.Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

**Appearance:**

**Form:** Crystalline powder

**Colour:** White

**Smell:** Not determined.

**Odour threshold:** Not determined.

**pH-value:** Not applicable

#### Change in conditon

**Melting point/Melting range:**  $\geq 83.00$

**Boiling point/Boiling range:** Not determined.

**Sublimation temperature / start:** Not determined.

**Flash point:**Not applicable

**Inflammability(solid, gaseous)** Not determined.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Self-inflammability:**Not determined.

**Danger of explosion:** Product is not explosive.

#### Critical values for explosion:

**Lower:** Not determined.

**Upper:** Not determined.

**Steam pressure:** Not applicable.

**Density:**Not determined.

**Relative density** Not determined.

**Vapour density** Not applicable.

**Evaporation rate** Not applicable.

**Solubility in/Miscibility with water:** insoluble

**Partition coefficient(n-octanol/water):** Not determined.

**Viscosity:**

**dynamic:** Not applicable.

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

**Kinematic:** Not applicable.

**Other information** No further relevant information available.

## 10.Stability and reactivity

**Reactivity** No information known.

**Chemical stability** **Stable under recommended storage conditions.**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according.

**Possibility of hazardous reactions** No dangerous reactions known

**Incompatible materials:** Oxidizing agents

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

## 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity:** Harmful if swallowed

**LD/LC50 values that are relevant for classification:** No data

**Skin irritation or corrosion:** May cause irritation

**Tye irritation or corrosion:**May cause irritation

**Sensitization:** No sensitizing effect known.

**Germ cell mutagenicity :** No effects known.

**Garcinogenicity:**

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

**Reproductive toxicity:** No effects known.

**Specific target organ system toxicity-repeated exposure:**No effects known.

**Specific target organ system toxicity-single exposure:**No effects known.

**Aspiration hazard:** No effects known.

**Additional toxicological information:**

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

## 12.Ecological information

**Toxicity Aquatic toxicity:** No further relevant information available

**Persistence and degradability:** No further relevant information available

**Bioaccumulative potential:** No further relevant information available

**Mobility in soil:** No further relevant information available

**Additional ecological information:**

**General notes:**

Water hazard class 1 (Self-assessment):slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

Do not allow material to be released to the environment without proper governmental permits.

## **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## **13. Disposal considerations**

### **Waste treatment methods Recommendation:**

Hand over to disposers of hazardous waste.

Must be specially treated under adherence to official regulations.

Consult state, local or national regulations for proper disposal.

### **Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

## **14. Transport information**

### **UN\_Number**

**ADR, IMDG, IATA:** None

### **UN proper shipping name**

**ADR, IMDG, IATA:** None

### **Transport hazard class(es)**

**ADR, IMDG, IATA**

**Class:** None

### **Packing group**

**ADR, IMDG, IATA:** None

**Environmental hazards:** Not applicable.

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications.

## **15. Regulatory information**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Substances:** Substance is listed.

**Standard for the Uniform Scheduling of Drugs and Poisons :** Substance is not listed.

### **Information about limitation of use:**

Employment restrictions concerning young persons must be observed.

For use only by technically qualified individuals.

### **Water hazard class:**

Water hazard class 1 (Self-assessment):slightly hazardous for water.

Other regulations,limitations and prohibitive regulations

# Safety Data Sheet

---

SDS Creation Date:03/ 16/2015

Version 1.3

**ELINCS(European List of Notified Chemical Substances)** :Substance is not listed.

**Substances of very very high concern (SVHC) according to REACH , Article 57** :Substance is not listed.

**REACH - Pre -registered substances** : Substance is listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16.Other information

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority.

Products are supposed to be used promptly after purchase in consideration of safety. If you have any questions, please feel free to contact us.