



Qingdao Free Trade Zone United International Co., Ltd.

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Material Safety Data Sheet

GAMA OCTALACTONE

Qingdao Free Trade Zone United International Co., Ltd. asks to its customers receiving this material safety data sheet to study carefully in order to know the dangers presented by the product and to inform its employees, agents, and sub-contractors.

The end user is responsible for the handling and the storage of the product to refer to legislative, regular and administrative up to date texts, concerning the protection of the workers and the population and the environmental.

This information is based on our current level of knowledge given by our own suppliers.

Date/revised: Feb 13, 2014	Date issued: Dec. 04, 2008
Product: Gama octalactone	

1.Substance/preparation and company name

Company:

Qingdao Free Trade Zone United International Co., Ltd.

18/F, Huaren International Building, 2A Shandong Road, Qingdao, China - 266071

2. Composition/information on ingredients

Chemical name:Gama octalactone

CAS No. :104-50-7

FEMA No.:2796

FDA No.: 172.515

CE No.: 2274c

EINECS No.:203-208-1

3. Physical and chemical properties

Appearance:Colourless and transparent liquid

Formula: $C_8H_{14}O_2$

Molecular weight: 142.20

Boiling point:234 °c

Refractive index(n_D^{20}):1.4430-1.4470

Relative Gravity(D_{25}^{25}):0.970-0.980g/cm³

Odor: Delight sweet aroma of coconut

Assay: 98.0% min.

4. Hazards identification

Risk advice to man and the environment: Irritating to skin.

5. First aid measures

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin: Wash off with soap and plenty of water. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

6. Fire fighting and measures

Flash point: 113°C

Explosion Limits: N/A

Individual protection equipments: Wear self contained breathing apparatus for fire fighting if necessary.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

7. Accidental release measures

Person-related precautionary measures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental-protection measures: Do not let product enter drains.

Methods for cleaning: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

8. Handling and storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

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

9. Exposure controls and personal protection

Respiratory protection: Risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eyes: Safety glasses with side-shields conforming to EN166

Skin and body: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: High temperatures, pressure and inadequate manipulation of packages.

Materials to avoid: Strong oxidizing agents Strong acids, Strong bases, Strong oxidizing agent

Hazardous decomposition products: Carbon oxides

11. Toxicological information

Repeated dose toxicity: LD50 Oral-rat -4.400 mg/kg

12. Ecological information

N/A

13. Disposal considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed

professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

14. Transport information

Emergency TEL: +86-532-86069596; 83891505~9

15. Regulatory information

N/A

16. Other information

Shelf life: 12 months minimum in sealed containers protected from light and air

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained here.