

No. 36, Longmen Road, Haicang Xinyang Industrial Zone, Xiamen 361026, China Tel: +86 592 516 3188 / 516 3288 Fax: +86 592 516 5577 www.bestally.com.cn

MATERIAL SAFETY DATA SHEET

DELTA DECALACTONE NATURAL, OPTICAL ACTIVE

1. Identification

Chemical name 6-Pentyltetrahydro-2-pyrone δ-Decalactone **Synonyms** $C_{10}H_{18}O_2$ Molecular Formula 170.25 Molecular Weight CAS No. 705-86-2 2361 FEMA No. Einecs No. 211-889-1 FDA 172.510

621

2. Hazards identification

CoE

· 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

δ-Decalactone ≥98%

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;

consult a physician if skin irritation persists

Inhalation:

Remove from exposure and move to fresh air immediately.

Get medical aid.

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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 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.

8. Exposure controls and personal protection

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..

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Respiratory protection
 In case of olfactory nuisance: respirator with independent air

supply or mask with activated charcoal filter

Eyes Safety glassesHand Protective gloves

Skin Wear appropriate protective clothing to prevent skin exposure

9. Physical and chemical properties:

Form liquid, clear
 Color colourless
 Odor N/A

PH value at 10g/l H₂O
 Boiling point
 Flash point
 5.54 at 9.3 g/l at 25 °C - acidic
 117 - 120 °C at 0,03 hPa - lit.
 > 113.00 °C - closed cup

Melting point
Explosive properties
N/A
Lower explosion limit
Upper explosion limit
N/A
Ignition temperature
Oxidizing properties

Vapor pressure
 N/A
 0.964~0.971
 Solubility in water
 Insoluble.

Organic solvents Soluble

10. Stability and reactivity

Chemical Stability
 Stable under recommended storage conditions.

Conditions to Avoid Light, moisture, excess heat
 Substances to be avoided Strong oxidizing agents

Hazardous decomposition Carbon monoxide, carbon dioxide,

Hazardous Will not occur.

11. Toxicological information

Acute toxicity
 LD50 Oral - rat - > 5,000 mg/kg

LD50 Dermal - rat - > 5,000 mg/kg

Sensitization No information available.
 Mutagenicity No information available.

Other Studies
 See actual entry in RTECS for complete information.

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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

ADR/RID:- IMDG:- IATA:-

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

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• 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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