

THE AROMAVERSE-FZCO

**** MATERIAL SAFETY DATA SHEET ****

Gamma Octalactone (GO)

Section 1 - Chemical Product and Company Identification

MSDS Name : Gamma Octalactone (GO)

Synonyms : 1)5-butyl tetrahydro-2-furanone 2)4-N-butyl-4-hydroxybutyric acid lactone 3)g-octalactone 4)gamma-octalactone, natural 5)octanolide-1,4

Company Identification THE AROMAVERSE-FZCO
A6-3648479202, Premises No. A6-003-B ,
IFZA Business Park, DDP. DUBAI, UNITED ARAB EMIRATES.
Email: info@aromaverse.net

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#	
104-50-7	5-butylloxolan-2-one	99%Min	203-208-1	

Hazard Symbols: None Available

Risk Phrases: None Known.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

Highly flammable. Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: Causes respiratory tract irritation.

Chronic: No information found.

Section 4 - First aid Measures

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Eyes	Rinse immediately with plenty of water for 10 minutes at least.
Skin	Wash thoroughly with soap and water; flush with plenty of water.
Ingestion	Wash the mouth with water; seek medical advice immediately.
Inhalation	Move from exposure site to fresh air and keep at rest.
Notes to Physician	Treat symptomatically.

Section 5 - Fire Fighting Measures

General Information	Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.
Extinguishing Media	CO2, foam, dry chemicals.

Section 6 - Accidental Release Measures

General Information	Prevent any contact with hot surfaces. Do not approach facing the wind.
Spills/Leaks	Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material.

Section 7 - Handling and Storage

Handling	Apply according to good manufacturing and industrial hygiene practices with proper ventilation.
Storage	Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls Ensure good ventilation of the work station.

PERSONAL PROTECTIVE EQUIPMENT

Eyes	Use safety glasses.
Skin	Avoid skin contact. Use chemical resistant gloves as needed.
Respirators	Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions



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Section 9 - Physical and Chemical Properties

Physical State: Liquid

Color: Colourless oily liquid

Odor: coconut, hay, coumarinic odor.

pH: No data available

Vapor Pressure: 0.0499 mmHg(20C, EPI 4.0)

Viscosity: No data available

Boiling Point: 230.34 C (EPI 4.0)

Freezing/Melting Point: No data available

Autoignition Temperature: No data available

Flash Point: 110 °C

Explosion Limits, lower: No data available

Explosion Limits, upper: No data available

Decomposition Temperature: No data available

Solubility in water: Insoluble in water; soluble in alcohol.

Specific Gravity/Density: 0.9700-0.9800 at 25°C

Molecular Formula: C8 H14 O2

Molecular Weight: 142.19798 g/mol

Section 10 - Stability and Reactivity

Chemical Stability

Stable under normal temp and pressure.

Conditions to Avoid

Avoid contact with strong acids, alkali or oxidizing agents.

Incompatibilities with Other Materials

strong acids, alkali or oxidizing agents.

Hazardous Decomposition Products

Carbon Monoxide and carbon Dioxide

Hazardous Polymerization

Not Known.



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Section 11 - Toxicological Information

Draize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, mouse: LD50 = 1110 mg/kg

Oral, rabbit: LD50 = 1300 mg/kg; Oral, ratraize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, mouse: LD50 = 1110 mg/kg; LD50 = 887 mg/kg; Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. Epidemiology: No information available. Teratogenicity: Effects on Newborn: Liver birth index and viability index, oral-rat TDL0=36450mg/kg. Specific Developmental Abnormalities: Central nervous system, Craniofacial, and Musculoskeletal, subcutaneous-rat TDL0=500mg/kg. Reproductive Effects: No information available. Neurotoxicity: No information available. Mutagenicity: No information available. Other Studies: See actual entry in RTECS for complete information. raize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, mouse: LD50 = 1110 mg/kg;raize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, mouse: LD50 = 1110 mg/kg

Section 12 - Ecological Information

Other .None Available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

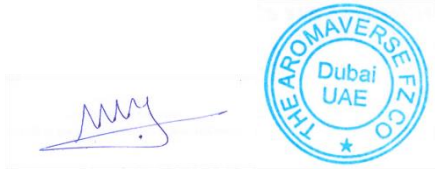
	IATA	IMO	RID/ADR
Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Hazard Class:			
UN Number:			

Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives

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Hazard Symbols:

Risk Phrases: R20/21/22

R36/37/38

Safety Phrases: Not Available.

United Kingdom Occupational Exposure Limits: Not Known.

Canada : Product is on the DSL list.

Exposure Limits

US FEDERAL

TSCA : Product is listed on the TSCA list.

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages. -----