



Xi'an Rongde Import and Export Trade Co., Ltd
RD Health Ingredients Co., Ltd
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MSDS Olive Leaf Extract

Date Prepared: August 20th, 2012

Date Revised:

1. Identification of the Substance of the Company	
Substance:	Olive Leaf Extract Oleuropein
CAS:	32619-42-4
EINECS No.:	251-129-6
Chemical Name:	[2S-(2,3E,4)]-3-Ethylidene-2-(-D-glucopyranosyloxy)-3,4-dihydro-5-(methoxycarbonyl)-2H-pyran-4-acetic acid 2-(3,4-dihydroxyphenyl)ethyl ester
Chemical Formula:	C ₂₅ H ₃₂ O ₁₃
Supplier:	RD Health Ingredients Co., Ltd No. 35 Tangyan Rd., Xi'an Hi-Tech Area, Xi'an, China, 710065
Telephone:	+86-29-88606198 / +86-2988606518
Website:	www.health-ingredients.com
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2. Composition	
Substance:	Olive Leaf Extract Oleuropein
Content %:	40%
Toxicological Data on Ingredients:	Not applicable
3. Hazard Identification	
Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.	
Potential Chronic Health Effects: Carcinogenic Effects: Not Available. Mutagenic Effects: Not Available.. Teratogenic Effects: Not Available. Developmental Toxicity: Not Available. Repeated or prolonged exposure to the substance is not known to aggravate medical condition.	
4. First Aid Measures	
Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention if irritation occurs.	
Skin Contact: Wash with soap and water. cover the irritated skin with an emollient. Get medical attention if irritation develops.	
Serious Skin Contact: Not available.	
Inhalation: If inhales, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.	
Serious Skin Contact: Not available.	

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

5. Fire Fighting Measures

Flammability of the Product: May be combustible at high temperature

Auto-Ignition Temperature: Not available

Flash Points: CLOSED CUP: Higher than 93.3°C (200°F)

Flammable Limits: Not available

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substance: Slightly flammable to flammable in present of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosive Hazards in Presence of Various Substance: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not sure water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6. Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finished cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage:

keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F) .

8. Exposure Controls

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, lab coat, dust respirator, gloves. Be sure to use an approved/ certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, full suit, dust respirator, boots and gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

9. Physical and Chemical Properties

Physical State and Appearance: Fine Powder

Odor: Characteristic

Taste: bitter

Molecular Weight: 540.4

Color: Brown

pH (1% soln/ water): Not available.

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Volatility: Not available.

Water/ Oil Dist. Coeff.: Not available.

Lonicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

10. Stability and Reactivity

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess Heat, incompatible materials

Incompatibility with Various Substances: Not available.

Corrosivity: Not available.

Special Remarks on Re-activity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur

11. Toxicology Information

Routes of Entry: Inhalation, ingestion.

Toxicity of Animals: LD50: Not available. LC50: Not available.

Chronic Effect on Human: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other toxic Effects on Human:

Acute Potential Health Effects: Skin: May cause skin irritation, but it is unlikely. Eyes: Dust can cause irritation. Inhalation: This material is a dust or may product dust or many produce dust. Dust may cause irritation of the respiratory tract. Breathing small amounts of this material is not likely to be harmful. Ingestion: May cause digestive tract irritation if swallowed in large amounts. Swallowing this material is not likely harmful. Chronic Potential Health Effects: no information found. The toxicological properties of this substance have not been fully investigated.



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12. Ecological Information

Exotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the products of Biodegradation: Not available.

13. Disposal Consideration

Disposal Methods: Dispose of in accordance with local authority requirements

14. Transport Information

DOT Classification: Not a DOT controlled material

Identification: Not applicable

Special Provisions for Transport: Not applicable

15. Regulatory Information

Federal and State Regulations: No products were found

Other regulations: Not available.

Other Classifications:

DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.

HIMIS (U.S.A):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment: Gloves, Lab coat, dust respirator. Be sure to use an approved/ certified respirator or equivalent. Safety glasses.

16. Other Information

DISCLAIMER: Every effort has been made to ensure that this information is accurate and up to date. Users are reminded that they should ensure that they have retained or internally circulated the most up to date copy as provided to the persons or work locations that require them. No warranty is implied or given as to suitability for use for any activity that is not covered by either the technical data sheet or restrictions of use as above.