

Material Safety Data Sheet

1. Identification of the substance and of the company

Product name Olive leaf Extract.

Company XI'AN HAOTIAN BIO-ENGINEERING TECHNOLOGY CO., Ltd

Telephone 86-29-88324612

Fax 86-29-88327715

Emergency phone 86-29-8832-7081

2. Composition/Data on components:

- Chemical characterization: pure natural product without any additive..
- Description: Yellow-Brown Fine Powder
- Dangerous components: no.

3. Hazards identification

- Hazard description: not applicable.
- Information pertaining to particular dangers for man and environment: not applicable

4. First aid measures

- General information: no special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact : generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.

5. Fire fighting measures

- Suitable extinguishing agents:
CO₂, extinguishing powder or water spray. Fight larger fires with water spray of alcohol resistant foam.
- Protective equipment: No special measures required.

6. Accidental release measures

- Measures for environmental protection: No special measures required.
- Measures for cleaning/collection:
Pick up mechanically avoiding causing a stir.
- Additional information: No dangerous substances are released.

7. Handling and storage

- Information for safe handling: No any effect.
- Information about protection against explosions and firms: No special measures required.
- Storage: Keep in a cool and dry place, away from light and heat. Metal containers are

not used.

- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Storage class: no special requirement.

8. personal protection

- Personal protective equipment: no requirement.
- Breathing equipment: common mask.
- Protection of hands: Not required.
- Eye protection: Not required.

9. Physical and chemical properties:

- Form: Yellow-Brown Fine Powder
- Odor: Characteristic
- Content : Oleuropein 10.0%
- Moisture: Not more than 5 %
- molecular formula: $C_{25}H_{32}O_{13}$
- CAS NO: 32619-42-4
- Molecular Weight: 540.51

10. Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous products of decomposition:
No dangerous decomposition products known.

11. Toxicological information

- Acute toxicity: none
- Primary irritant effect: astringent
- On the skin: no irritant effect on the skin. The inhalation of powder can irritate the respiratory tract.
- On the eye: No irritant effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information:

- General notes: Not known to be hazardous to water.

13. Transport information:

- ADR/RID class: By sea or By air

- Storage: keep in cool and dry place, well-closed, away from moisture or direct sunlight
- Outer packing: 25kg/fibre drum with poly bag lining.
- Expiry Date: Aug,01.2010

14. Other information:

Company Policy or Disclaimer

For research use only, not for human or veterinary clinical use.

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