

	Material Safety Data Sheet	Reg.-Nr.: MSDS_RAO
	Refined Sweet Almond Oil	Page 1 of 4
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1. Identification of Substance/Preparation and Company:

- a. Product name on label: Refined Sweet Almond Oil
- b. Other means of identification: Prunus Amygdalus Dulcis Oil
- c. Recommended Uses: Food grade, cosmetic, pharmaceutical.
- d. Supplier: Shay and Company
10639 SE Fuller Rd
Milwaukie OR 97222
Phone: 503-653-1155
- e. Emergency Numbers: 911 for police and fire department

2. Hazards Identification:

- a. Human Health Hazards: No specific hazards under normal use conditions.
- b. Hazardous symbols: Not applicable.
- c. Hazards Reactions: none
- d. Non-toxic. No mixture classification required.
- e. TSCA: 8(b) inventory: Almond oil, sweet

3. Composition/Information on Ingredients:

- a. Chemical characterization: Triglycerides of vegetable fatty acids.
- b. Refined Sweet Almond Oil
- c. CAS-No : 8007-69-0, INCI – name: Prunus Amygdalus dulcis oil
- d. No impurities or mixtures.

4. First Aid Measures:

- a. - Inhalation: No adverse side effects.
- Skin: wash with soap and water. Product is non-allergenic.
- Eye: rinse with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.
- Ingestion: No typical symptoms and effects.
- b. No threatening symptoms from exposure.
- c. No medical attention necessary after prolonged exposure or ingestion.

5. Fire Fighting Measures:

- a. Extinguishing media: Foam, dry chemical powder, carbon dioxide, sand or earth.

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- b. Water can be used as extinguishing material if no other viable alternatives are present.
- c. Special exposure hazards: none
- d. Protective equipment: In case of insufficient ventilation, wear suitable respiratory equipment. Depending on the dimensions of the fire wear full protection.
Other information: Avoid contact with oxidizing agents.

6. Accidental Release Measures:

- a. Personal precautions: no specific recommendations. Pay attention to the slippery/oily ground.
- b. Containment precautions: prevent further leakage or spillage. Prevent from spreading or entering into drains, ditches, or rivers by using sand, earth, or spill control material. Shovel into suitable, clearly marked container for disposal or reclamation in accordance with local regulations.
- c. Other information: No dangerous substances will be released.

7. Handling and Storage:

- a. Handling: The usual precautions for handling chemicals should be observed. Gloves, sealed containers, protective eye-ware, etc.
- b. Storage: Keep container tightly closed. Avoid direct sunlight, heat sources and strong oxidizing agents. Store at ambient temperature.

8. Exposure Controls/Personal protection:

- a. No permissible exposure limit.
- b. Engineering control measures: The usual precautions for handling chemicals should be observed.
- c. Respiratory protection: none
- d. Eye protection: safety goggles
- e. Body protection: none
- f. Hand protection: Gloves should be worn.

9. Physical and chemical Properties:

- a. Form: Pale yellow liquid
- b. Odor: faint, characteristics
- c. Odor threshold: none
- d. pH: non-applicable
- e. Melting Point: unknown
- f. Boiling Point: >316 C
- g. Flashpoint: >304 C

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- h. Evaporation rate: non-applicable
- i. Flammability: Flammable material
- j. Explosive limits: Unknown
- k. Vapor pressure: at 20 C <1 mbar
- l. Vapor density: non-applicable
- m. Density: at 20 C ca 0.91-0.92 g/cm³
- n. Solubility in water: at 20 C insoluble, in ether: at 20 C miscible
- o. Partition coefficient: non-applicable
- p. Smoke point: >260 C
- q. Decomposition temperature: > 330 C
- r. Viscosity ~70 mPAs at 20 C

10. Stability/Reactivity

- a. Reactivity: Non-reactive in standard atmospheric conditions.
- b. Chemical Stability: over 316 C thermal destruction
- c. Possibility of hazardous reactions: Non-applicable
- d. Materials to avoid: Strong oxidizing agents.
- e. Incompatible materials: Non-applicable
- f. Hazardous decomposition products: Hazardous decomposition products are not expected.

11. Toxicological information:

- a. Likely routes of exposure: inhalation, skin contact, eye contact, ingestion
- b. Specific symptomatic results: not available
- c. Delayed and immediate effects: not available
- d. Numerical measures of toxicity: non-toxic.
- e. Carcinogenicity: The product is based on vegetable oils of types know to be non-carcinogenic in animal shin-painting studies. Other components are not known to be associated with carcinogenic effects
- f. Additional Toxicological information:
 - i. Not classified as hazardous substance. If the product is used properly it will not cause any injuries to health.

12. Ecological Information:

- a. Ecotoxicity: Non-applicable
- b. Persistence and degradability: Biodegradable
- c. Bio accumulative potential: non-applicable.
- d. Mobility in soil: Non-applicable
- e. Other adverse effects: Non-applicable

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13. Disposal Considerations:

Precautions: according to local regulations (most probably controlled incineration)

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Recommended detergent: water

14. Transport information:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

- a. UN Identification Number: Non-Regulated Material
- b. Proper Shipping Name: None
- c. Hazard Class Number and Description: None
- d. Packing Group: None
- e. Environmental hazards: None
- f. Transport in bulk: non-applicable
- g. Special precautions: None

15. Regulatory information

Non-applicable

16. Other information:

- a. Note: In very fine distribution in contact with the air, self-ignition may take place. This information is based on our current knowledge and is intended to describe the product for purposes of health, safety and environmental requirements only. Therefore, it should not be construed as guaranteeing any specific legal property of the product.