

MATERIAL SAFETY DATA SHEET
ACCORDING TO EC LEGISLATION 91/155/E EC

Date created: August 2005

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1. Identification:

Commercial name: Sesame seed oil
Botanical Nomenclature: Sesamum indicum L.
INCI name: *Rosa Mosqueta*
CAS number: 84696-47-9
EINECS CAS number: 283-652-0
EEC Number: *Not available*

2. Composition:

Main components: Triglycerides
Additives (e.g. carriers, preservatives, antioxidants): *Nil*

3. Potential Health Hazards:

Inhalation: *Do not inhale concentrated product*
Skin: *Observe good housekeeping procedure*
Eyes: *Observe good housekeeping procedure*
Ingestion: *Observe good housekeeping procedure*

4. First aid:

Inhalation: *None identified*
Skin: *Remove contaminated clothing. Wash affected area with mild soap and water. Seek medical advice if irritation persists.*
Eyes: *Flush with plenty of water for 15 minutes. Seek medical advice if irritation persists.*
Ingestion: *Rinse mouth with water, seek medical advice immediately.*

5. In case of fire:

Extinguishing media: *Carbon dioxide, foam, inert powders*
Do not use: *Water*
Special precautions: *Avoid vapour inhalation. Wear positive pressure self-contained breathing apparatus and protective clothing.*

6. Spill and Leak Procedure:

Individual precautions: *Avoid contact with skin eyes and clothes. All spillages can cause a slipping hazard.*
Environmental protection: *Keep away from soils, surface and groundwater.*
Cleaning methods: *Remove all potential ignition sources. Contain the spill. Cover with an inert inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water and detergents. Observe state, federal and local disposal regulations.*

7. Handling and storage:

Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).
Handle in a well ventilated area.
Keep away from sources of heat and ignition.

8. Personal Protection / Exposure control:

Respiratory protection: *Avoid breathing product vapour, apply local ventilation when possible.*

Skin protection: *Rubber or plastic gloves should be worn*

Eye protection: *Safety glasses or safety goggles should be worn*

General precautions: *Use good industrial hygiene practise.*

9. Physiochemical properties:

Appearance: *Orange red to yellow mobile liquid.*

Odour: *faint, sweet, characteristic*

pH: *Not available*

Boiling point: *Not available*

Flash point: *Not available*

Autoignition Temperature: *Not available*

Explosion Limits: *Not available*

Vapour pressure (25°C): *Not available*

Vapour Density: *Not available*

Specific Gravity (20°C): *0.890-0.990*

Optical Rotation (20°C): *Not available*

Refractive Index (20°C): *1.470-1.490*

Solubility in water (20°): *Not available*

Partition Coefficient log P o/w: *Not available*

Evaporation rate: *Not available*

10. Stability and Reactivity:

Chemical Stability: *Stable.*

Conditions to avoid: *Strong oxidising agent, temperatures near flash point, strong acids and alkalis.*

Hazardous Decomposition Products: *Liable to cause smoke, and acrid fumes during combustion, carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.*

11. Toxicological Information:

According to RIFM- Monograph:

Acute Toxicity: *Oral LD₅₀: /kg in rats Not available*
Dermal LD₅₀: /kg in rabbits Not available

Irritation: *Not available*

Sensitisation: *Not available*

Phototoxicity: *Not available*

12. Ecotoxicological information:

Fish Toxicity: LCO/EC₅₀: *Not available.*

Bacteriotocity: ECO/EC₅₀: *Not available.*

13. Disposal Method:

Check Federal, State and Local Regulations.

14. Transport Information:

Non-hardous material transport in suitable containers.

15. Regulatory Information

The British Essential Oil Association Chip Regulations – 2002

Hazard Symbols: -----
Risk Phrases: -----
H/C %: -----
Safety Phrases: -----

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FOR AND ON BEHALF OF PHOENIX NATURAL PRODUCTS:

J.S. CHANA..... (MANAGING DIRECTOR)

DATE:.....