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MATERIAL SAFETY DATA SHEET

Section 1 – Company & Product Identification

Issued by: JEEN International Corporation
24 Madison Road
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Tel. # 973-439-1401
Chemtrec Emergency Tel#: 800-424-9300
Chemtrec International Tel#: 703-527-3887
(Collect Calls Accepted)

Product: **Evening Primrose Oil**
Formula: Extracted from Primrose seeds

Section 2 – Product & Component Hazard Data

A. Component Approx. % TLV CAS Reg No. 68956-68-3
Primrose oil with fatty acids 100

B. Precautionary Label Statement: Concentrated product. Observe good housekeeping procedures.

Section 3 – Physical Data

Appearance: Yellow to pale yellow
Odor: Free from rancid and foreign odors.
Boiling Point: 240° C
Melting Point: N/A
Specific Gravity: At 20°C: 0.915 – 0.940
Flash Point: >300°C
Refractive Index: At 20°C 1.450 – 1.500
Solubility in Alcohol: Soluble
Solubility in Water: Insoluble
Acid Value (KOH/G OIL): 1.0 Max
Peroxide Value (meq/ g oil): 5.0 Max
Iodine Value (WIJS): 145-165
Fatty Acid Composition:
Palmitic Acid: C16:0 5.0-7.0%
Stearic Acid: C18:0 1-5%
Oleic Acid: C18:1 5.0-10%
Linoleic Acid: C18:2 60-80%
Gamma linolenic: C18:3 9% min

Section 4 – Fire and Explosion Hazard Data

Special Fire Fighting Procedures: None known
Unusual Fire and Explosion Hazards: None known

Section 5 – Health

A. Exposure Limits: None known
B. First Aid
Eye Contact: Flush with copious amounts of water
Skin Contact: Wash skin with mild soap and water
Inhalation: Remove to ventilated area
Ingestion: No hazard

Section 6 – Personal Protection and Controls

A. Respiratory Protection: No special measures under normal conditions.
B. Eye Protection: Use safety goggles if there is a risk of splashing.
C. Hand Protection: Gloves
D. Other Protective Measures: None/Good industrial practices

Section 7 – Special Storage and Handling Precautions

Store in cool, dry place. Keep container closed.
Handle in accordance with good industrial practices.

Section 8 – Spill, Leak and Disposal Practices

Steps to take in case material is released or spilled: Sweep and/or flush with water
Waste disposal method: Dispose in approved solid waste disposal area, as per current Regulations.

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Section 9– First Aid Measures

Inhalation: No vapors present at normal temperatures.
 Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
 Skin contact: Wash thoroughly with soap and water, flush with plenty of water. If irritation persists, seek medical advice.
 Ingestion: Not considered dangerous.
 Other: When assessing action take Risk and Safety Phrases into account. (Section 15)

Section 10 – Fire Fighting Measures

Extinguishing Media: Use CO2, Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
 Special Measure: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.
 Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

Section 11 – Stability and Reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali, or oxidizing agents.
 Decomposition: None (thermal decomposition products are H2O and CO2)

Section 12 – Toxicological Information

According to current information, when handled and stored correctly, no effects damaging to one's health occur.

Section 13 – Ecological Information

Biodegradability: Readily biodegradable.
 Precautions: Prevent surface contamination of soil, ground, and surface water.

Section 14 – Transport Regulations

Road (ADR/RID): N/A
 Air (IATA): N/A
 Sea (IMDG): N/A
 CHIP: See section 15

Section 15 – Regulatory Information

Hazards: N/A
 Symbols: N/A
 Risk Phrases: N/A
 Safety Phrases: N/A

Section 16 - Other Information

Cosmetics Directive 7th Amendment: Not restricted

Packaging:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminum	Yes
HPPE	Yes
F/HDPE	Yes
Other Plastic	Yes

Shelf Life:

When stored within advised conditions, re-test after 12 months then at 6 monthly intervals up to a maximum shelf life of 24 months.

Q.C. Requirements:

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.