



**SAFTY DATA SHEET**  
**According to Regulation (EC) No 1907/2006 (REACH)**

Revision Date: March 21, 2017

Version No.: 2

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**SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

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- 1.1 Product Identifier**  
Product Name **SAFFLOWER OIL**
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
Identified uses Cosmetic raw material
- 1.3 Details of the Supplier of the Safety Data Sheet**  
Company JEEN International Corporation  
24 Madison Road  
Fairfield, New Jersey 07004  
Tel: +1-973-439-1401  
Fax: +1-973-439-1402  
email: [info@jeen.com](mailto:info@jeen.com)  
Website: [www.jeen.com](http://www.jeen.com)
- 1.4 Emergency telephone number** +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

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**SECTION 2 – HAZARDS INGREDIENTS**

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- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008  
None
- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008  
Hazard pictogram None  
Signal words None  
Hazard statements None  
Precautionary statements None
- 2.3 Other Hazards** None known

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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- 3.1 Substances**  
Chemical characterization Cosmetic ingredients  
INCI Carthamus Tinctorius (Safflower) Seed Oil  
CAS 8001-23-8  
EC 232-276-5 (I)  
Concentration 100%
- 3.2 Mixture**

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**SECTION 4 – FIRST AID MEASURES**

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- 4.1 Description of First Aid Measures**  
Inhalation: At ambient/normal handling temperatures (0-38 deg. C), no adverse effects due to inhalation of vapor are expected.



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Skin contact:

No adverse effects due to skin contact are expected. Wash with soap and water.

Eye contact:

Flush eyes with large amounts of water for several minutes. Seek medical advice in cases of irritation.

Ingestion:

No adverse effects due to ingestion are expected.

**4.2 Most important Symptoms and Effects**

No information available

**4.3 Indication of any immediate Medical Attention and special Treatment needed**

No information available.

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**SECTION 5 – FIRE FIGHTING MEASURES**

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**5.1 Extinguishing Media**

Foam, dry chemical powder, carbon dioxide

**5.2 Fire and Explosion**

Combustible material, low hazard. The product can form flammable mixtures or can burn only on heating above the flash point. However, minor contamination by hydrocarbons of higher volatility may increase the hazard.

**5.3 Fire-fighting Procedures**

Water fog or spray, to cool fire-exposed surfaces (e.g. containers) and to protect personnel, should only be used by personnel trained in firefighting. Cut off "fuel"; depending on circumstances, either allow the fire to burn out under controlled conditions or use foam or dry chemical powder to extinguish the fire. Respiratory and eye protection required for firefighting personnel exposed to fumes or smoke.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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**6.1 Methods and Material for Containment and Cleaning Up**

Land spill:

Shut off source taking normal safety precautions. Prevent liquid from entering sewers, water courses or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation. Take measures to minimize the effects on ground water. Recover by skimming or pumping using explosion-proof equipment, or contain spilled liquid with booms, sand, or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.

Water spill:

Confine the spill immediately with booms. Warn other shipping. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. Disperse the residue in unconfined waters, if permitted by local authorities and environmental agencies.

**6.2 Reference to other Sections**

Section 8: Exposure control /personal protection.  
Section 13: Waste treatment.



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**SECTION 7 – HANDLING AND STORAGE**

<b>7.1</b>	<b>Precautions for Safe Handling</b>	Keep containers closed when not in use. Prevent small spills and leakages to avoid slip
<b>7.2</b>	<b>Fire and Explosion Protection</b>	Danger of flammability when welding at the empty container/drum etc. Leakage or conditions resulting in impregnation of this oil with some porous materials such as rags, paper, insulation or clay may cause spontaneous combustion. Prevent soaked clothes, rags, paper etc. against self-ignition.
<b>7.3</b>	<b>Condition for Safe Storage, including any Incompatibilities</b>	Penetration of soil to be avoided. Store the product in cool, well ventilated surroundings, well away from sources of ignition. Light protected, at constant temperature, not above room temperature. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations regarding fire prevention with this class of product.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>8.1</b>	<b>Occupational Exposure Limit</b>	No data available.
<b>8.2</b>	<b>Personal Protective Equipment</b>	In open systems where contact is likely, wear safety glasses with side shields.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1</b>	<b>Information on basic Physical and Chemical Properties</b>	
	Appearance @ 25 °C	Clear and brilliant
	Flavor	Bland
	Color (Lovibond), Red	2.0 Maximum
	Free Fatty Acid/10 gms	2.5 mg/g Maximum
	Iodine Value	87.0 - 150
	Peroxide Value	10.0 Maximum
	Heavy Metals, %	0.001 Maximum

**SECTION 10 – STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Stability (thermal, light, etc.)</b>	Stable
<b>10.2</b>	<b>Incompatible Materials</b>	Avoid contact w/ strong oxidants such as liquid chlorine + concentrated oxygen.
<b>10.3</b>	<b>Hazardous Decomposition products</b>	Product does not decompose at ambient temperature.
<b>10.4</b>	<b>Conditions to Avoid</b>	Keep away from heat sources, open flames and other



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sources of ignition.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**11.1 Effects of Overexposure**

Inhalation:	No hazard in normal industrial use.
Skin contact:	No hazard in normal industrial use.
Eye contact:	No hazard in normal industrial use.
Ingestion:	No hazard in normal industrial use.

**11.2 Toxicity Data**

Acute:	No test data are available for this product.
Chronic:	No test data are available for this product.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**12.1 Information on Ecological Effects**

Specific environmental data for this product are not available. This product is expected to be biodegradable.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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**13.1 Waste Treatment Methods**

Collect and dispose of waste product at an authorized disposal facility. Product remainders should not penetrate in soil or waters.

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**SECTION 14 – TRANSPORTATION INFORMATION**

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**14.1 Shipping Description**

Usual shipping containers:	Road tankers, liquid containers, drums
Transport temperature:	Not regulated
Transport sea/air:	Not regulated
Transport land:	Not regulated

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**SECTION 15 – REGULATORY INFORMATION**

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Not classified according to EEC directives 67/548/EEC and 199/45/EG  
Refer to your national legislation implementing the EEC Directive 91/155/EEC.

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**SECTION 16 – OTHER INFORMATION**

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