

## MATERIAL SAFETY DATA SHEET

Transportation Emergency: 86-0515-68988210

### 1. Product and Company Identification

<b>Product Name</b>	Arachidonic acid Oil
<b>Product Number</b>	
<b>Chemical Formula</b>	$C_{20}H_{32}O_2$
<b>CAS No.</b>	506-32-1
<b>Company</b>	Jiangsu Grand Xianle Pharmaceutical Co., Ltd
<b>Address</b>	No.1 Zhongshan Seven Road, Coastal Industry Park, Economic Development Zone, Binhai County, Yancheng City, Jiangsu Province, 224555, China
<b>Telephone</b>	+86 515 68988210
<b>Fax</b>	+86 515 68988212

### 2. Composition Information on Ingredients

**Hazardous Ingredients** Arachidonic acid oil

### 3. Hazard Identification

**Potential Acute Health Effects:** Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

**Potential Chronic Health Effects:**

Carcinogenic effects: Not available.

Mutagenic effects: Mutagenic for mammalian somatic cells.

Teratogenic effects: Not available.

Developmental toxicity: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition

### 4. First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with clean, running water for at least 15 minutes while keeping eyes open. Cool water may be used. Seek medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Wash with a disinfectant soap and cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing and clean shoes before reuse. Get medical attention.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention.

## **5. Fire-Fighting Measures**

### **Extinguishing media:**

water spray, alcohol-resistant foam, dry chemical or carbon dioxide

### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

## **6. Accidental Release Measures**

### **Personal precautions**

Avoid breathing vapors, mist or gas.

### **Environmental precautions**

Do not let product enter drains.

### **Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

## **7. Handling and Storage**

Normal measures for preventive fire protection.

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully released and kept upright to prevent leakage.

Recommended storage temperature: -5 °C

Air, light, and moisture sensitive. Handle and store under inert gas.

## **8. Exposure Controls/Personal Protection**

Wear Protective safety goggles.

Wear chemical-resistant gloves.

Wear protective clothing and chemical resistant boots.

Ensure ventilation during use.

After contact with skin, wash immediately

## **9. Physical and Chemical Properties**

**Molecular Weight:** 304.5g/mole

**Boiling Point:** 170 °C

**Melting Point:** -49 °C

**Flash Points:** 113 °C (Closed cup)

## **10. Stability and Reactivity**

Unstable at room temperature may react spontaneously

Heat, Air, Light, and Moisture sensitive

Avoid Bases, Oxidizing agents, Reducing agents  
Hazardous decomposition products formed under fire conditions.  
Carbon oxides.

## **11. Toxicological Information**

**Acute effect:**

**Irritant**

May be harmful by ingestion and inhalation.

Material is irritating to mucous membranes and upper respiratory tract.

To the best of our knowledge, the toxicological properties of this product have not been fully investigated or determined.

## **12. Ecological Information**

<b>Toxicity:</b>	no data available
<b>Persistence and degradability:</b>	no data available
<b>Bioaccumulative potential:</b>	no data available
<b>Mobility in soil:</b>	no data available
<b>Other adverse effects:</b>	no data available

## **13. Disposal Considerations**

Waste must be disposed of in accordance with government and local environmental control regulations.

## **14. Transport Information**

Classified: not dangerous goods

## **15. Regulatory Information**

Adhere to all Federal, State and local regulations.

## **16. Other Information**

The information contained herein is accurate to the best of our knowledge, but is not meant to be complete and is included only as a guide. The end user is responsible for any damage resulting from handling or from contact with this product.