

2 WEST PARK ROAD  
HAVERTOWN, PA 19083

1-800-247-6665  
610-853-1130

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Scientific Name: 5-8-11-14 Eicosatetraenoic Acid  
Product name: Arachidonic Acid  
Product number: 390  
Brand: CHRONO-PAR®  
CAS number: 506-32-1  
Purity: >99%

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Synthesis of substances

#### 1.3 Details of the supplier of the safety data sheet

Company: Chrono-log Corp.  
2 W. Park Road  
Havertown, PA 19083  
USA  
Telephone: 610-853-1130  
Email: [chronolog@chronolog.com](mailto:chronolog@chronolog.com)

#### 1.4 Emergency telephone number

Emergency Phone #: 610-853-1130

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Non-Hazardous Substance

#### 2.2 Label elements

No data available

#### 2.3 Other hazards

Hazards not otherwise classified (HNOC) or not covered by GHS - None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Product Scientific Name: 5-8-11-14 Eicosatetraenoic Acid  
Product common name: Arachidonic Acid  
Formula: C<sub>20</sub>H<sub>32</sub>O<sub>2</sub>  
M.W.: 304.50  
Cas number: 506-32-1

#### 3.2 Mixtures

No data available

### 4. FIRST AID MEASURES

#### **4.1 Description of first aid measures**

**If inhaled:** Move person to fresh air. If not breathing, give artificial respiration. Call a physician

**Skin:** Wash with soap and water. Consult a physician

**Eyes:** Flush with water for 15 minutes and consult a physician

**Ingestion:** Do not induce vomiting. Rinse mouth with water and consult a physician

#### **4.2 Most important symptoms and effects, both acute and delayed**

No data available

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

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

##### **Unsuitable extinguishing media**

No data available

#### **5.2 Special hazards arising from the substance or mixture**

No data available

#### **5.3 Advice for firefighters**

Wear breathing apparatus if necessary

##### **Further information**

No data available

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment, avoid breathing vapors, and if contact with skin, wash immediately

#### **6.2 Environmental precautions**

Do not let product enter drains.

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

Contain spillage and contain in a suitable container for disposal

#### **6.4 Reference to other sections**

For personal protection see section 8.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Avoid inhalation or contact with skin and eyes

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container closed in a dry and ventilated area

#### **7.3 Specific end use(s)**

No data available

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Control parameters**

No data available

#### **8.2 Exposure Controls**

##### **Eye/face protection**

Wear protective glasses at all times. Glasses with side protection are recommended

##### **Skin protection**

Wear appropriate protective clothing. Wear according to the concentration and amount of the dangerous substance at the specific workplace.

**Hand Protection**

Handle with recommended protective gloves if needed. After removal, wash and dry hands, and dispose of gloves.

**Respiratory protection**

Respiratory protection is not required.

Use protective masks if risk assessment shows they are needed. Use them under type EN 14387. If respirators are needed, use tested and approved equipment under government standards such as NIOSH (ES) or EN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State:</b>	Liquid at room temperature
<b>Colour:</b>	Clear to slight yellow
<b>Odour:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point/freezing point:</b>	No data available
<b>Boiling point/Range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Flammability:</b>	No data available
<b>Lower/Upper explosion limit:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Relative vapor density:</b>	No data available
<b>Particle characteristic:</b>	No data available
<b>Density and/or relative density:</b>	0.92G/mL
<b>Solubility:</b>	Insoluble
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature :</b>	No data available
<b>Kinetic viscosity:</b>	No data available

### 9.2 Other safety information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended storage conditions

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No data available

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity:** No data available  
**Skin corrosion/irritation:** No data available  
**Serious eye damage/irritation:** No data available  
**Respiratory or skin sensitisation:** No data available  
**Germ cell mutagenicity:** No data available  
**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH, NTP, or OSHA

**Carcinogenicity**

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**Reproductive toxicity:** No data available  
**STOT-single exposure:** No data available  
**STOT-repeated exposure:** No data available  
**Aspiration hazard:** No data available  
**Synergistic effects:** No data available

**11.2 Information on other hazards**

No data available

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose according to federal, state, or local regulations

**14. TRANSPORT INFORMATION**

**14.1 UN number or ID number**

No data available

**14.2 UN proper shipping name**

No data available

- 14.3 Transport hazard class(es):**
- |                                     |                     |
|-------------------------------------|---------------------|
| <b>DOT (US)</b>                     | Not dangerous goods |
| <b>Maritime Transport IMDG</b>      | Not dangerous goods |
| <b>Air Transportation ICAO/IATA</b> | Not dangerous goods |
| <b>Land Transport ADR/RID</b>       | Not dangerous goods |
- 14.4 Packing group**  
No data available
- 14.5 Environmental hazards**  
No data available
- 14.6 Special precautions for user**  
No data available
- 14.7 Maritime transport in bulk according to IMO instruments**  
No data available

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

#### **SARA 311/312 Hazards**

No known hazards

#### **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

#### **US STATE REGULATIONS**

**California prop 65 components:** This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm

### 15.2 Chemical safety assessment

No data available

## 16. OTHER INFORMATION

### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Chrono-log Corp. shall not be held liable for any damage resulting from handling or from contact with the above product.