

CHRONO-LOG CORPORATION

2 WEST PARK ROAD
HAVERTOWN, PA 19083-4691
1-800-247-6665
IN PA 610-853-1130

FAX 610-853-3972
E-MAIL chronlog@chronolog.com
INTERNET <http://www.chronolog.com>

1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Arachidonic Acid (P/N 390)

SUPPLIER: Chrono-log Corp.
2 West Park Road
Havertown, PA 19083, USA
Phone Number: 610-853-1130
Fax Number: 610-853-3972

2 – COMPOSITION / INFORMATION ON COMPONENTS

FORMULA WEIGHT: 304.50

ORIGINAL SOURCE OF MATERIAL: Fungal

| Substance Name | CAS No. |
|------------------|----------|
| Arachidonic Acid | 506-32-1 |

3 – HAZARD IDENTIFICATION

HMIS Classification

Health Hazard: 2
Flammability: 1
Physical Hazards: 0

NFPA Rating

Health Hazard: 3
Fire: 1
Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause irritation to mucous membranes and upper respiratory tract.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

4 – FIRST-AID MEASURES

Eye and Skin Contact: Immediately flush/wash thoroughly with water and notify medical personnel.

Inhalation: Immediately move to fresh air and notify medical personnel.

Ingestion: Wash out mouth, drink a moderate amount (8-12 oz.) of water and immediately notify medical personnel.

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Use method suitable to surroundings (Eg: Water spray, Carbon dioxide, multipurpose dry chemical or halon-fire extinguisher).

Hazardous Combustion Products: This material in a powder form is capable of creating a dust explosion.

Special Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: If material is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment.

Cleaning Methods: Cordon off spill area and minimize the spreading of spilled material. Soak up material with absorbent. Wash spill area thoroughly .

Environmental Precautions: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Collect spilled material, absorbent, and rinse water into suitable containers for proper disposal in accordance with applicable waste disposal regulations.

7 – HANDLING AND STORAGE

Avoid contact with skin, eyes or clothing. Use adequate ventilation to minimize exposure. Wash thoroughly after handling. Store at -20°C.

8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Eye, Face and Skin Protection: The choice of protection should be based on the job activity and potential for exposure to the eyes, face and skin. Wear safety glasses with side shields or full-face shield if eye contact is likely. Wear gloves, lab coat, or other protective overgarment if skin contact is likely.

Respiratory Protection: When handling bulk quantities or for long durations where aerosolisation of material is likely or material may become airborne, wear a NIOSH/MSHA-approved air-purifying respirator.

Engineering Controls: When practical, the material should be handled in enclosed or contained processes with a properly operating laboratory hood or with other effective local exhaust ventilation.

Hygiene Measures: Wash hands immediately after handling this material (especially before eating, drinking or smoking). Decontaminate or discard protective equipment after each use. Should ingestion of the preparation occur, seek medical advice immediately.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear Liquid at room temperature

10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Hazardous Decomposition Products: Carbon monoxide & Dioxides.

Incompatibility: Bases, oxidizing agents and reducing agents.

11 – TOXICOLOGICAL INFORMATION

The chemical, physical, and toxicological properties have not been thoroughly investigated.

12 – ECOLOGICAL INFORMATION

No data available

13 – DISPOSAL CONSIDERATIONS

Reagent should be evaluated for proper disposal. All wastes containing the material should be properly labeled and disposed of according to prescribed national and local regulations.

All used reagents should be treated as potentially biohazardous material and disposed of accordingly.

14 – TRANSPORT INFORMATION

Land Transport (ADR/RID): Not regulated

Air Transport (ICAO/IATA): Not regulated

Maritime Transport (IMO-IMDG): Not regulated

15 – REGULATORY INFORMATION

CAUTION – This preparation has not yet been fully tested.

16 – OTHER INFORMATION

The above information is based on data available to us and is believed to be correct. Since the information may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use and all persons receiving it shall make their own determination of the effects, properties, and protections which pertain to their particular conditions.

No representation, warranty, or guarantee, express or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the material, the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.

Revised 3/15/12