

SAFETY DATA SHEET

NAME OF PRODUCT: **Arachidonic Acid**

1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

PRODUCT NAME: Arachidonic Acid
SYNONYMS: Eicosatetraenoic Acid, Sodium Arachidonate
PRODUCT CODES: 101297

1.2 Details of the supplier of the safety data sheet

MANUFACTURER: Bio/Data Corporation
ADDRESS: 155 Gibraltar Road, Horsham, PA 19044, USA
PHONE: +1- 215-441-4000

1.3 Emergency information

EMERGENCY: Turn to nearest First Aid Station
EMERGENCY PHONE: +1-215-441-4000 (Bio/Data Corporation)

2: HAZARDS IDENTIFICATION

- 2.1 GHS Classification :** Not classified
2.2 Environmental Protection Procedures: Spill response, inert absorbent.
2.3 Waste Disposal Method: dispose of in the manner specified by local and federal regulations.
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3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Component: **3 x 0.5 mL Lyophilized Sodium Arachidonate, 5 mg/mL**

Chemical Family: Fatty Acid
Formula: C₂₀ H₂₁ O₂

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>CLASSIFICATION</u>
506-32-1	304.5	N/A	Not Regulated

Note: Reagents do not contain dangerous substances in quantities higher than limits reported by 67/548/EEC and 1999/45/EC directives, and following modifications and amendments, about classification, labeling and packaging of dangerous preparations.

4: FIRST AID MEASURES

- 4.1 **Eye contact:** flush eyes with water for 15 minutes
- 4.2 **Skin contact:** wash off with water, consult a physician
- 4.3 **Ingestion:** do not induce vomiting, rinse mouth with water and consult a physician
- 4.4 **If Inhaled:** move person to fresh air. If not breathing, give artificial respiration, call a physician.

5: FIRE-FIGHTING MEASURES

- 5.1 **Suitable Extinguishing Media:** water spray, dry chemical, carbon dioxide or alcohol resistant foam
- 5.2 **Special Protective Equipment for Firefighters:** wear breathing apparatus if necessary

6: ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal Precautions:** Avoid breathing in vapors, and if any contact with skin, wash immediately. Wear appropriate PPE.
- 6.2 **Environmental Precautions:** Wear safety goggles, rubber boots and heavy rubber gloves. Contain spilled material using absorbent. Rinse area. Do not allow runoff to enter water supply, storm drains, etc.
- 6.3 **Clean Up:** Collect absorbent and rinse water into suitable containers.

7: HANDLING AND STORAGE

- 7.1 **Precautions for Safe Handling:** Avoid inhalation or contact with skin and eyes
- 7.2 **Conditions for Safe Storage:** Keep container closed in a dry and ventilated area

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Personal Protective Equipment:** Use protective masks if risk assessment shows they are needed
- 8.2 **Hand Protection:** Protective gloves wash and dry hands & dispose of gloves when finished
- 8.3 **Eye Protection:** Wear protective glasses at all times
- 8.4 **Skin Protection:** Wear appropriate protective clothing

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

APPEARANCE	Clear
COLOR	Colorless solution
ODOR	Fishy
pH	>7.9
BOILING POINT	N/A
MELTING POINT	N/A
IGNITION TEMPERATURE	N/A
FLASH POINT	Non-flammable
EXPLOSION LIMIT	N/A
VAPOR TENSION	N/A
DENSITY	0.92 G/ML
VAPOR PRESSURE	N/A
SOLUBILITY IN WATER	Soluble
WATER SOLUBILITY:	Insoluble

10: STABILITY AND REACTIVITY

10.1 STABILITY:	Stable
10.2 CONDITIONS TO AVOID (STABILITY):	None
10.3 INCOMPATIBILITY:	None
10.4 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	None
10.5 HAZARDOUS POLYMERIZATION:	None
10.6 CONDITIONS TO AVOID (POLYMERIZATION):	None

11: TOXICOLOGICAL INFORMATION

- 11.1 LD50 oral: not known.
 - 11.2 LD50: not known.
 - 11.3 LD50 skin: not known.
 - 11.4 LD50 inhalation: not known.
 - 11.5 Not identified as a carcinogen
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12: ECOLOGICAL INFORMATION

No Data Available

13: DISPOSAL CONSIDERATIONS

- 13.1 Used reagents must be disposed of in accordance with local and federal regulations.
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14: TRANSPORT INFORMATION

- 14.1 Not Regulated - This product is not subject to current regulations for transportation of hazardous goods.
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15: REGULATORY INFORMATION

- 15.1 This Product does not require special labeling in accordance with the appropriate EEC directives.
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16: OTHER INFORMATION

This product is intended for IN VITRO diagnostic use only.

NOT FOR USE IN HUMANS.

The information herein is believed to be correct as of the date hereof and excludes any guarantee related with the final use given to the product, being the recipient the last responsible for observing the local laws applicable in each case.

