

| Duplicate | | MATERIAL SAFETY DATA SHEET | | | | 12/1/2008 | |
|--|--|---|---------------|-----------|----------------------------------|---------------------------|-----|
| GENERAL INFORMATION | | | | | | | |
| Chemical Name and Synonyms | | Arachidonic Acid, Eicosatetraenoic Acid | | | | | |
| Trade Name and Synonyms | | Arachidonic Acid, Sodium Arachidonate | | | | | |
| INGREDIENTS | | | | | | | |
| Chemical Family | Fatty Acid | Formula | C20 H21 O2 Na | | | | |
| *Ingredients | 3 X 0.5 mL Lyophilized Sodium Arachidonate*, 5 mg/mL | | | | | | |
| | MW* | 326.5 | CAS #* | 6610-25-9 | EC #* | N/A | |
| Appearance and Odor | Clear, colorless solution with strong "fishy" odor | | | | | | |
| PHYSICAL DATA | | | | | | | |
| Specific Gravity | N/A | pH | > 7.9 | | | | |
| Vapor Density | N/A | Solubility in Water | Soluble | | | | |
| Evaporation Rate (H2O=1) | N/A | Vapor pressure | N/A | | | | |
| Percent Volatile by Volume (%) | N/A | Boiling Point | N/A | | | | |
| FIRE AND EXPLOSION HAZARD DATA | | | | | | | |
| Flash Point | non-flammable | LEL: | N/A | UEL: | N/A | Auto Ignition Temperature | N/A |
| Unusual Fire and Explosion Hazards | | Extinguishing Media | | | Special Fire Fighting Procedures | | |
| N/A | | N/A | | | N/A | | |
| HEALTH HAZARD DATA | | | | | | | |
| Threshold Limit Value | N/A | QSHA Threshold Limit Value | N/A | | | | |
| Carcinogen - NPT Program | N/A | Primary Route(s) of Entry | Inhalation | | | | |
| Carcinogen - IARC Program | N/A | ACGIH Threshold Limit Value | N/A | | | | |
| Emergency First Aid | Remove to fresh air. Wash exposed area. Eye contact - Flush with running water | | | | | | |
| Medical Conditions Aggravated | Allergies | | | | | | |
| REACTIVITY DATA | | | | | | | |
| Stability: | Stable | Conditions to Avoid | None | | | | |
| Incompatibilities | None | | | | | | |
| Hazardous Polymerizations | None | Materials to Avoid | None | | | | |
| ENVIRONMENTAL PROTECTION PROCEDURES | | | | | | | |
| Spill Response | flush with water | | | | | | |
| Waste Disposal Method | mop up spill, flush to drain, Disinfect area | | | | | | |
| SPECIAL PROTECTION INFORMATION | | | | | | | |
| Eye Protection | Goggles | Skin Protection | Gloves | | | | |
| Ventilation Recommendation | Dust Mask or respirator | | | | | | |
| Other Protection | spill or splash protection | | | | | | |
| SPECIAL PRECAUTIONS | | | | | | | |
| Hygienic Practices | Do not inhale or expose to skin. Normal Laboratory protective gear | | | | | | |
| Respiratory Protection | Dust Mask or respirator | | | | | | |
| Precautions | Do not inhale or expose to skin. Normal Laboratory protective gear | | | | | | |