

AERCHEM INC.
320 North Walnut St.
Bloomington, IN 47408

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 09/10/99
Product: Vitamin E acetate
Chemical Name: dl-Alpha Tocopherol Acetate; 2,5,7,8-tetramethyl -2-(4,8,12-trimethyltridecyl)-6-chromanol acetate
Chemical Family: vitamin

SECTION 2: PHYSICAL DATA

Appearance and Odor: liquid, clear yellow, nearly odorless
Pure or mixture: pure
Boiling point: > 200°C
Melting Point: -27.5°C
Water solubility: insoluble
Solubility: in ethanol; miscible with acetone, ether, chloroform and vegetable oils
Specific gravity: 0.950

SECTION 3: FIRE AND EXPLOSION DATA

Flash point: > 200°F
Extinguishing Media: all common extinguishing media are suitable
Fire Fighting Procedures: Wear NIOSH/MSHA approved positive pressure, self contained breathing apparatus and full protective turn out gear. Use water to keep fire exposed containers cool. Remove containers of this material if it can be done safely.
Unusual Fire and Explosion Hazards: Toxic emission may be given off in a fire..

SECTION 4: REACTIVITY DATA

Stable X Unstable _____
Conditions to Avoid: none known
Incompatibilities: Oxidizing agents, acids, bases
Hazardous Polymerization: Does not occur.
Corrosive Properties: Not corrosive.
Decomposition products: carbon dioxide, carbon monoxide

SECTION 5: HEALTH HAZARD DATA

Exposure limits: 10.0 mg/m3 time weighted average
Health Effects: Routes of entry for solids and liquids include eye and skin contact and ingestion. Target organs are hematopoietic/blood system. Aggravates blood coagulation deficiencies.
Acute Overexposure Effects: Contact with skin may result in irritation.
Chronic Overexposure Effects: Ingestion may cause gastrointestinal distress, muscle weakness, and fatigue.
Toxicity: acute oral, single dose, rat: >16,000 mg/kg
acute dermal, single dose, rat: >3000 mg/kg
irritation eye, single dose, rabbit: non-irritating
irritation skin, single dose, rabbit: practically non-irritating
Ecological info: n-octanol/water partition coefficient: 12.2

SECTION 6: First Aid Procedures:

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.
Eyes: Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.
Ingestion: If swallowed, get immediate medical attention. Do not induce vomiting, unless directed to do so by a medical personnel.

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Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

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SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

General: Use proper personal protective equipment and clothing. Shut off source of spill or leak if safe to do so. Absorb small spills with absorbent material. Dike large spills and pump into metal drums or absorb with absorbent material. Put saturated absorbent material into suitable labeled open head drum. Secure drum cover and move container to safe holding area. Wash spill area thoroughly with soapy water.

Waste Disposal: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal: Containers must be triple rinsed prior to disposal, recycling or reuse.

SECTION 8: HANDLING AND STORING

Store at 15-30°C. Shelf life is 12 months. Material is sensitive to moisture and light so store in light resistant containers, away from sunlight. Avoid contact with eyes, skin and clothing. Use with adequate ventilation, and use proper personal protective equipment. Wash thoroughly after handling.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation: general room ventilation unless process generates vapor or mist

Eye Protection: safety goggles, safety glasses.

Clothing: plastic or rubber gloves

Respiratory Protection: Approved organic vapor mist respirator as necessary.

SECTION 10: TRANSPORT INFORMATION

DOT Proper Shipping Name: None

DOT Technical Name: None

DOT Primary Hazard Class: None

DOT Secondary Hazard Class: None

DOT Label Required: None
