



MATERIAL SAFETY DATA SHEET

EI APRICOT ACID BLEND #3268

MSDS DATE: 12/21/06

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EI Apricot Acid Blend #3268

DISTRIBUTOR: Essential Ingredients

ADDRESS: 4544 Atwater Ct., #110, Buford, GA 30518
(770) 831-9010

EMERGENCY CHEMTREC PHONE: 1-800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
Propylene Glycol	57-55-6	proprietary	proprietary
Tartaric Acid	87-69-4	proprietary	proprietary
Citric Acid	77-92-9	proprietary	proprietary
Malic Acid	617-48-1	proprietary	proprietary
Salicylic Acid	69-72-7	proprietary	proprietary
Apricot Extract	68650-44-2	proprietary	proprietary
Benzyl Alcohol	100-51-6	0.40	
Methylisothiazolinone	2682-20-4	0.07	

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: MAY CAUSE IRRITATION TO SKIN AND EYES.

POTENTIAL HEALTH EFFECTS

EYES: May cause stinging and tearing

SKIN: Mild irritant and defatting agent on prolonged contact

INGESTION: Relatively non-toxic. Ingestion of sizable amount (over 100 mL) may cause some gastrointestinal upset and Temporary central nervous system depression. Effects appear more severe in individuals with kidney problems.

INHALATION: No adverse effects via inhalation

CHRONIC HEALTH HAZARDS: Lactic acidosis, stupor and seizures have been reported following chronic ingestion. Chronic or heavy acute ingestion may cause some tooth enamel erosion.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Kidney disorders

CARCINOGENICITY

OSHA: None

ACGIH: None

NTP: None

IARC: None

OTHER: None



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SECTION 4: FIRST AID MEASURES

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Call a physician if irritation persists.

SKIN: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

INGESTION: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. Not expected to require first aid measures.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: In case of ingestion, monitor for acidosis and central nervous system changes. Exposed persons with previous kidney dysfunction may require special treatment.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 12.5%
(% BY VOLUME) **LOWER:** 2.6%

FLASH POINT:

F: 210°

C: 99°

METHOD USED:

CC

AUTOIGNITION TEMPERATURE:

C: 371°

F: 700°

NFPA HAZARD CLASSIFICATION

HEALTH: 2-Moderate

FLAMMABILITY: 1-Slight

REACTIVITY: 1-Slight

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 2-Moderate

FLAMMABILITY: 1-Slight

REACTIVITY: 1-Slight

PROTECTION: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES

EXTINGUISHING MEDIA: Dry chemical, foam, water or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Move exposed containers from fire area, if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may explode in heat or fire

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition. Aldehydes or lactic acid, pyruvic or acetic acids may also be formed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personnel protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer.



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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Protect container from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS: AIHA Workplace Environmental Exposure Level (WEEL): Vapor and Aerosol = 50 ppm
Aerosol, only = 10 mg/m³.

VENTILATION SYSTEM : A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details

RESPIRATORY PROTECTION: If the exposure limit is exceeded, a half-face respirator with an organic vapor cartridge and particulate filter (NIOSH type SP95 or R95 filter) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece respirator with an organic vapor cartridge and particulate filter (NIOSH P100 or R100 filter) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. Please note that N series filters are not recommended for this material. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen deficient atmospheres.

EYE PROTECTION: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

SKIN PROTECTION: Wear protective gloves and clean body-covering clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Oily liquid

ODOR: Slight aromatic fruity

PHYSICAL STATE:

pH AS SUPPLIED: 10% 2.0

BOILING POINT:

F: 370°
C: 188°

MELTING POINT:

F: -74°
C: -59°

FREEZING POINT:

F: Not Available
C: Not Available

VAPOR PRESSURE (mmHg): 0.13

VAPOR DENSITY (AIR = 1): 2.6

SPECIFIC GRAVITY (H₂O = 1): 1.04 @ 20°C

EVAPORATION RATE(BuAc=1): 0.01



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Miscible in water

MOLECULAR WEIGHT: Blend

VISCOSITY: Not Available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

CONDITIONS TO AVOID (STABILITY): Heat, flames, ignition sources and incompatibilities

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:
Oral rat LD50: 17g/kg Skin rabbit LD50 20.8g/kg
Irritation: Eye rabbit/Draize, 500mg/24H mild

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: When released into the soil this material is expected to readily biodegrade. When released into the soil, this material is expected to leach into groundwater. When released into the water, this material is expected to readily biodegrade. When released into the air, this material is expected to be readily degraded by reaction with photo chemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of between 1 and 10 days.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.



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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Corrosive Liquids N.O.S, UN1760, 8, PGII

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No

311/312 HAZARD CATEGORIES: Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: No

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: NFPA Ratings Health: 0 Flammability: 1 Reactivity: 0

Label Hazard Warning: CAUTION! MAY CAUSE IRRITATION TO SKIN AND EYES

Label Precautions: Avoid contact with eyes, skin and clothing

Wash thoroughly after handling

Label First Aid: In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops or persists.