

Material Safety Data Sheet

PRODUCT NAME: SEBACIC ACID

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SEBACIC ACID
CAS#: 111-20-6
EINECS# 2038455
DATE: March 29, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226-3834
FAX: (215) 591 - 3620
EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Sebacic Acid

CAS#	%WT	%VOL	SARA 313 REPORATABLE
11-20-6	99		Not reportable

	PPM	mg/m3
OSHA PEL-TWA:	Not established	Not established
OSHA PEL STEL:	Not established	Not established
OSHA PEL CEILING:	Not established	Not established
ACGIH TLV TWA:	Not established	Not established
ACGIH TLV STEL:	Not established	Not established
ACGIH TLV CEILING:	Not established	Not established

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White powder. Dust may cause mechanical irritation to respiratory tract and eyes. Very high dust concentrations may present an explosion hazard.

ROUTES OF ENTRY: Possible route of entry into the body is inhalation of dust. Ingestions is possible, but not likely.

POTENTIAL HEALTH EFFECTS:

EYES: Contact with eyes may cause mechanical irritation
SKIN: Prolonged/repeated contact may cause irritation in some individuals
INGESTION: Not expected to be harmful by ingestion
INHALATION: Breathing dusts may cause irritation to the respiratory tract

TARGET ORGANS/LONG TERM HEALTH EFFECTS:

Long-term animal studies showed effects on liver function at high doses

HAZARDS IDENTIFICATION, cont'd

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known

CARCINOGENICITY:

OSHA:	Not listed
ACGIH:	Not listed
NTP:	Not listed
IARC:	Not listed

FIRST AID MEASURES

EYES:	Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart
SKIN:	Wash with soap and water
INGESTION:	Get immediate medical attention. Never give anything by mouth to an unconscious person
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically

FIRE-FIGHTING MEASURES

UEL/LEL:	Not applicable
FLASH POINT:	428°F, 220°C
NFPA HAZARDS CLASSIFICATION:	Health: 1 Flammability: 1 Reactivity: 0
HMS HAZARD CLASSIFICATION:	Health: 1 Flammability: 1 Reactivity: 0 Protection: B
EXTINGUISHING MEDIA:	Water fog, foam, carbon dioxide, or dry chemical
SPECIAL PROCEDURES:	Water or foam may cause frothing. Toxic vapors (such as carbon monoxide) may be released during fire; respiratory protection should be provided. Material must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
FIRE/EXPLOSION HAZARDS:	As with any organic powder, high dust concentrations may create a dust explosion hazard when exposed to sources of ignition.
HAZARDOUS DECOMPOSITION:	When heated to decomposition, it emits acrid smoke and fumes.

HEALTH HAZARD DATA

HEALTH HAZARDS (acute & chronic):
Not applicable

SIGNS & SYMPTOMS OF EXPOSURE
Not applicable

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Fatty Acids generally have a low toxicity. Inhalation of fatty acid vapor or mist may cause interference with respiratory functions in the presence of sufficient concentration.

EMERGENCY & FIRST AID PROCEDURES:

SKIN:	Wash with soap & water
EYES:	Flush with copious amounts of water
INHALATION:	If respiratory functions are impaired, administer oxygen and call a physician.

ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sebacic Acid is classified as non-hazardous under DOT and RCRA regulations. In a clean area, sweep up and package for future use. In a contaminated area, mix with an absorbent material. Sweep up and package for disposal.

HANDLING & STORAGE

HANDLING AND STORAGE: Use with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Keep container closed when not in use.

OTHER PRECAUTIONS: For handling the product, an appropriate air-purifying respirator should provide adequate protection.

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use processes enclosures, local exhaust ventilation, or other engineering controls to control sources of dust, mist, or vapor.

VENTILATION: Provide general dilution ventilation to meet published exposure limits.

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved air-purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use and limitations. Use positive pressure air supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respiratory protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

EYE PROTECTION: Use safety glasses.
Wear contact with eyes is likely, use chemical goggles.
Use a face shield as needed.

SKIN PROTECTION: Use impervious gloves.
Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

OTHER EQUIPMENT: Use engineering controls to reduce air contamination to permissible level.
Provide eyewash station and safety shower.

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: White granules
ODOR: Not applicable
pH AS SUPPLIED: Not applicable
BOILING POINT: 563°F, 295°C
MELTING POINT: 271°F, 133°C
VAPOR PRESSURE (mm Hg) @ 1mm Hg: 70°F – Negligible, 20°C - Negligible
VAPOR DENSITY (AIR=1): Not applicable
SPECIFIC GRAVITY @ 20°C: 1.2047 (H2O=1)
SOLUBILITY IN WATER: Slight
% VOLATILE BY 25/BY VOL: 0°F, 0°C
MOLECULAR WT: 202.25

STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures
CONDITIONS TO AVOID: Contact with incompatible materials
INCOMPATIBILITY: Bases, oxidizing agents, reducing agents
HAZARDOUS DECOMPOSITION: Toxic gases/vapors/fumes of carbon dioxide (CO₂), carbon monoxide (CO)
HAZARDOUS POLYMERIZATION: Not prone to hazardous polymerization

TOXICOLOGICAL INFORMATION

Oral-rat LD50 5000 mg/kg Irritant data
lpr-mus 6000 mg/kg eye-rat non-irritant
lpr-man 1175 mg/kg skin-rabbit non-irritant

ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state, and local regulations
RCRA HAZARD CLASS: Not listed

TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Vegetable Fatty Acid
HAZARD CLASS: Not applicable
ID NUMBER: Not applicable
PACKING GROUP: Not applicable
LABEL STATEMENT: Not applicable

WATER TRANSPORTATION

PROPER SHIPPING NAME: Vegetable Fatty Acid
HAZARD CLASS: Not applicable
ID NUMBER: Not applicable
PACKING GROUP: Not applicable
LABEL STATEMENTS: Not applicable

U.S. DEPARTMENT OF TRANSPORTATION

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NOTES: No transport warning placards or labels required

REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA: This substance is listed on the TSCA inventory under CAS# 111-20-6
CERCLA: Not listed

SARA III:

Section 302 (RQ): None of the chemicals in this material have an RQ
Section 303 (TPQ): None of the chemicals in this material have an TPQ
Section 313: No chemicals are reportable under Section 313

311/312 HAZARD CATEGORIES: Not applicable

CLEAN AIR ACT:

This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters
This material does not contain any Class 2 Ozone depleters.

CLEAN WATER ACT:

None of the chemicals in this product are listed as Hazardous Substances under the CWA
None of the chemicals in this product are listed as Priority Pollutants under the CWA
None of the chemicals in this product are listed as Toxic Pollutants under the CWA

STATE REGULATIONS:

California Proposition 65: No ingredients are listed
NJ Environmental Hazardous Substance List: No ingredients are listed.

INTERNATIONAL REGULATIONS:

CANADA:

DSL: Supplement to Canada Gazette, Part I, January 26, 1991
WHMIS: This product is not classified as a controlled product under Canadian Controlled Product Regulations.

EUROPEAN COMMUNITY:

EINECS: Annex to Official Journal of the European Communities, June 15, 1990 (EINECS# 203-045-5)
ENCS: This product is not classified as a controlled product under Canadian Controlled Product Regulations.

AICS: Australian Inventory of Chemical Substances, June 1996 Ed.
ECL: Korean Existing Chemicals List, January 1997. ECL Serial # KE-09402
SWISS: Giftliste 1 (List of Toxic Substances 1), May 31, 1999. SWISS # G-7501
PICCS: Philippines Inventory of Chemicals and Chemical Substances, 2000

NOTES:

This product does not contain any organo tins or elemental Chlorine.
This product does not contain any Endocrine Disrupters or any materials capable of generating nonyl phenols.