



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: SEBACIC ACID

Product Name: Sebacic Acid
Synonyms: Decanedioic Acid, 1,10-Decanedioic acid

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation
Supplier Address: 60 S. Seiberling Street, Akron, OH 44305
Contact: Health, Safety & Environment
Telephone: 330-798-9300
Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Material is not classified as hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Label Elements:

Hazard symbol: None
Signal word: None

Hazard Statements: Not applicable.

Precautionary Statements:

Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components Chemical Identity</u>	<u>CAS Number</u>	<u>Weight%</u>
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Sebacic acid	111-20-6	99
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SECTION 4 – FIRST AID MEASURES



Inhalation: If adverse effects occur, remove person to fresh air. Give artificial respiration, if not breathing. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Give at least 3-4 glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice.

Skin contact: Wash off with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

Eye contact: Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart. Get medical attention if irritation develops or persists.

Most important symptoms/effects, acute and delayed: No information available.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

General Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: Water fog. Foam. Carbon dioxide (CO₂) or dry chemical.

Unsuitable extinguishing method: Do not use water jet as an extinguisher.

Specific hazards arising from chemical: High dust levels may create an explosion hazard when exposed to sources of ignition.

Special firefighting equipment and precautions for firefighters: Water or foam may cause frothing. Toxic vapors, such as carbon monoxide, may be released during fire. Respiratory protection should be provided.

Firefighting equipment/instructions: Respiratory protection should be provided.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Isolate area and deny entry. Wear appropriate protective equipment and clothing during clean-up. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at



levels exceeding exposure limits. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of SDS.

Methods and materials for containment and cleaning up:

Collect spilled material in appropriate container for disposal.

Environmental precautions:

Keep out of water supplies and sewers.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed in and stored in a dry, well-ventilated area at ambient temperature. Store away from incompatible materials (See Section 10 of SDS).

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits noted for ingredients.

US ACGIH General TWA on Dust: 10mg/m³ (Inhalable fraction); 6mg/m³ (Respirable fraction)

US OSHA Z-1 PEL on Dust: 15mg/m³ (Inhalable fraction); 5mg/m³ (Respirable fraction)

Appropriate engineering controls: Use processed enclosures, local exhaust ventilation or other engineering controls to control sources of dust, mist or vapor.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses. Use chemical goggles where contact with eyes is likely.

Skin protection: Wear clean protective body covering clothing to minimize contact with clothing and skin.

Hand protection: Wear impervious gloves.

Respiratory protection: Use a NIOSH/MSHA approved air-purifying respirator as needed to control exposure. Use positive pressure air supplied respiratory for uncontrolled releases or when air purifying respirator limitations may be exceeded.

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

General hygiene considerations: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES



Appearance:	White crystalline powder or granules
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Melting point:	271°F (133°C)
Boiling Point:	563°F (295°C) @ 100mm Hg
Flash Point:	428°F (221°C)
Evaporation Rate:	Not available
Flammability (solid, gas):	Not available
Upper/lower Flammable/	
Explosive limits:	Not available
Vapor Pressure (mmHg):	Negligible @ 70°F (20°C)
Vapor Density:	Not available
Specific Gravity:	1.207 @ 20°C (H ₂ O=1)
Log Pow:	2.19
Solubility (water):	Slight
Percent Volatile:	Negligible
Partition Coefficient:	2.19
(n-octanol/water)	
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available
Explosive Properties:	Not available
Oxidizing Properties:	Not available

SECTION 10 - STABILITY & REACTIVITY

Reactivity: Stable under normal temperatures and pressures.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Not prone to hazardous polymerization.

Conditions to avoid: Contact with incompatible materials.

Incompatible materials: Bases, oxidizing agents, reducing agents.

Hazardous decomposition products: Toxic gases/vapors/fumes of carbon dioxide (CO₂), carbon dioxide (CO).

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 Oral (Rat) = 5000 mg/kg



LD50 Eye (Rat)= 6,000 mg/kg
LD50 Skin (Rabbit)= 1175 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/eye irritation: Not classified

Respiratory or skin sensitization:

Respiratory sensitization: Not classified

Skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

Teratogenicity: No effects observed for teratogenicity, fetal toxicity or neonatal effects.

Reproductive toxicity: Not classified

Specific target organ toxicity-single exposure: Not classified

Specific target organ toxicity-repeated exposure: Not classified

Aspiration hazard: Not classified

Chronic Exposure: Repeated administration to rats produced no significant differences in biological parameters.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: LC50 (Danio) 96hr: >100 mg/L
EC50 (Daphnia magna) 48hr: >100 mg/L
EL50 (Skeletonema Costatus) 48hr: 38.7 mg/L
EC20 (Activated Sludge, Domestic) 3 hr: >1,000 mg/L

Persistence and degradability: No data is available.

Bioaccumulative potential: Readily biodegradable.

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13 - DISPOSAL CONSIDERATIONS



Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

Waste from residues/unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging: Since empties containers may retain product residue, follow label warnings even after container is empty. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT (Land): Not regulated for transport.

IMO/IMDG (Sea): Not regulated for transport.

IATA/ICAO (Air): Not regulated for transport.

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA Inventory Status: This product is listed on the Toxic Substances Control Act Inventory.

Title III SARA Status

SARA Section 302-Extremely Hazardous Substances None listed

SARA 313: This product does not contain a chemical listed at or above de minimis concentrations subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

State Regulations:

CA Prop. 65: This product does not contain any ingredient known to the State of California to cause cancer or reproductive toxicity as listed under the State Drinking Water and Toxic Enforcement Act of 1986.

SECTION 16 - OTHER INFORMATION

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