



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

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MSDS of Behenic Acid

Identification

Product Name Docosanoic Acid, 97% Cat No. : AC202610000; AC202610050; AC202610100
Synonyms Behenic Acid. Recommended Use Laboratory chemicals. Uses advised against No
Information available Details of the supplier of the safety data sheet

Hazard(s) identification

Classification Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Label Elements None required Hazards not otherwise classified (HNO)C None identified

Composition / information on ingredients

Component	CAS-No	Weight %
Docosanoic acid	112-85-6	97

First-aid measures Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Inhalation Move to fresh air.. Most important symptoms/effects No information available. Notes to Physician Treat symptomatically

Fire-fighting measures Unsuitable Extinguishing Media No information available Flash Point Method - No information available Auto ignition Temperature No information available Explosion Limits Upper No data available Lower No data available Sensitivity to Mechanical Impact No information available Sensitivity to Static Discharge No information available Specific Hazards Arising from the Chemical Keep product and empty container away from heat and sources of ignition. Hazardous Combustion Products None known Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing

apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. NFPA

Accidental release measures Personal Precautions Ensure adequate ventilation. Use personal protective equipment. Environmental Precautions See Section 12 for additional ecological information. Methods for Containment and Clean Up No information available.

Handling and storage Handling Ensure adequate ventilation. Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls / personal protection Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. Health 1 Flammability 0 Instability 0 Physical hazards N/A Engineering Measures Ensure adequate ventilation, especially in confined areas. Personal Protective Equipment Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

9. Physical and chemical properties Physical State Powder Solid Appearance White Odor Odorless Odor Threshold No information available pH Melting Point/Range 80.00 82.00 °C Boiling Point/Range °C @ 60 mmHg Flash Point Evaporation Rate No information available Flammability (solid,gas) No information available Flammability or explosive limits Upper No data available Lower No data available Vapor Pressure No information available Vapor Density No information available Relative Density No information available Solubility No information available Partition coefficient; n-octanol/water No data available Autoignition Temperature No information available Decomposition Temperature No information available Viscosity No information available Molecular Formula C22H44O2 Molecular Weight 340.58

10. Stability and reactivity Reactive Hazard None known, based on information available Stability Stable under normal conditions. Conditions to Avoid Incompatible products. Incompatible Materials Strong oxidizing agents Hazardous Decomposition Products None under normal use conditions Hazardous Polymerization Hazardous polymerization does not occur. Hazardous Reactions None under normal processing.

11. Toxicological information Acute Toxicity Component Information Toxicologically Synergistic Products No information available Delayed and immediate effects as well as chronic effects from short and long-term exposure Irritation No information available Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Sensitization No information available Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. Component CAS-No IARC NTP ACGIH OSHA Mexico Docosanoic acid 112-85-6 Not listed Not listed Not listed Not listed Not listed Mutagenic Effects No information available Reproductive Effects No information available. Developmental Effects No information

available. Teratogenicity No information available. STOT - single exposure None known STOT - repeated exposure None known Aspiration hazard No information available Symptoms / effects, both acute and delayed No information available Endocrine Disruptor Information No information available Other Adverse Effects The toxicological properties have not been fully investigated.

12. Ecological information Ecotoxicity Do not empty into drains. Persistence and Degradability No information available Bioaccumulation/ Accumulation No information available. Mobility No information available.

13. Disposal considerations Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information DOT Not regulated TDG Not regulated IATA Not regulated IMDG/IMO Not regulated

15. Regulatory information International Inventories Component TSCA DSL NDSL EINECS ELINCS NLP PICCS ENCS AICS IECSC KECL Docosanoic acid X X - 204-010-8 - X X X X X - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used. P - Indicates a commenced PMN substance R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA. S - Indicates a substance that is identified in a proposed or final Significant New Use Rule U.S. Federal Regulations TSCA 12(b) Not applicable SARA 313 Not applicable SARA 311/312 Hazardous Categorization Acute Health Hazard No Chronic Health Hazard No Fire Hazard No Sudden Release of Pressure Hazard No Reactive Hazard No Clean Water Act Not applicable Clean Air Act Not applicable OSHA Occupational Safety and Health Administration Not applicable CERCLA Not applicable California Proposition 65 This product does not contain any Proposition 65 chemicals State Right-to-Know Not applicable U.S. Department of Transportation Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security This product does not contain any DHS chemicals. Other International Regulations Mexico - Grade No information available Canada This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR WHMIS Hazard Class Non-controlled

16. Other information

Prepared By

Regulatory Affairs replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Disclaimer The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text