

(±)10-HDoHE: sc-204959



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION I - Product Identification

Product Name: (±)10-HDoHE
Catalog Code: sc-204959

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Synonyms:

(+/-)10-hydroxy-4Z,7Z,11E,13Z,16Z,19Z-docosaheptaenoic acid; 10-hydroxy Docosaheptaenoic Acid

Chemical Family: Hydroxy Fatty Acid

Hazard Label: Health: 2

Molecular Formula: C₂₂H₃₂O₃ Flammability: 2, Molecular Weight: 344.50 Reactivity: 0

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/ Common Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Percentage
(+/-)10-HDoHE	90780-50-0				100.0

SECTION III - Physical/Chemical Characteristics

Boiling Point: NE or NA Specific Gravity (Water = 1): Melting Point: NE or NA Vapor Pressure (mm Hg): . . . NE or NA Vapor Density (Air=1):. . . NE or NA Physical States: [] Gas Evaporation Rate: NE or NA [X] Liquid (Butyl Acetate=1) [] Solid Solubility In Water:. >0.8 mg/ml* at 25.0 C *PBS pH 7.2, sol. in EtOH, DMSO, & DMF Percent Volatile: NE or NA Appearance and Odor:
A clear, colorless solution

SECTION IV - Fire and Explosion Hazard Data

Flash Pt: NE or NA Method Used: See note below
Explosive Limits: LEL: UEL:
Autoignition Pt: NE or NA Extinguishing Media:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Special Fire Fighting Procedures:
Note: Flammable as diluted in ethanol.
Unusual Fire and Explosion Hazards:

SECTION V - Reactivity Data

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability:

Incompatibility - Materials To Avoid:
Hazardous Decomposition Or Byproducts:

Hazardous Polymerization: May occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization:

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other:

Health Hazards (Acute and Chronic):

Contact may cause skin or eye irritation.

The toxicological properties of this compound have not been fully evaluated.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information:

Recommended Exposure Limits: LD 50/LC 50:

Signs and Symptoms Of Exposure:

Irritating to the skin, eyes, nose, throat, and respiratory tract.

Medical Conditions Generally Aggravated By Exposure:

Emergency and First Aid Procedures:

If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Steps To Be Taken In Case Material Is Released Or Spilled:

Absorb the liquid and scrub the area with detergent and water.

After removal, ventilate contaminated area and flush thoroughly with water.

Waste Disposal Method:

Dispose in accordance with local, state and federal regulations.

Hazard Label Information:

Avoid contact with skin and eyes. Do not reuse this container.

Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Handling and Storing:

Avoid contact with eyes, skin, and clothing.

Do not reuse this container.

Store at correct temperature.

Use with adequate ventilation.

Wash thoroughly after handling.

Other Precautions:

Protective Equipment Summary - Hazard Label Information

Eye wash station in work area Lab coat Latex disposable gloves

Safety glasses	Safety shower in work area	Vent Hood
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Respiratory Equipment (Specify Type):

Ventilation:

Good general ventilation should be sufficient to control airborne levels.

Eye Protection:

Safety glasses

Protective Gloves:

Latex disposable gloves

Other Protective Clothing:

Lab coat

Work/Hygienic/Maintenance Practices:

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Wash thoroughly after handling.

SECTION IX - Additional Comments

The above information is believed to be correct but does not purport to be complete and should be used only as a guide.

The burden of safe use of this material rests entirely with the user.

Emergency:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112