

MATERIAL SAFETY DATA SHEET



The Power to Question

Lipoxin A4, 15-epi: sc-202695

1. Identification of the substance/preparation and of the company/undertaking

Product name	: Lipoxin A ₄ , 15-epi	Catalog #	: sc-202695
Chemical formula	: C ₂₀ H ₃₂ O ₅	Supplier	: Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800
Synonym	: LXA ₄ -15-epi 15(R)-LXA ₄ Aspirin-triggered LXA ₄ (5S,6R,15R)-5,6,15-Trihydroxy-7,9,13-trans-11-cis-eicosatetraenoic acid		

2. Composition / information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	EC Number	Symbol	R-Phrases
LXA ₄ -15-epi 15(R)-LXA ₄ Aspirin-triggered LXA ₄ (5S,6R,15R)-5,6,15-Trihydroxy-7,9,13-trans-11-cis-eicosatetraenoic acid	171030-11-8	Not available.	F, Xi	R11, R36/37/38

3. Hazards identification

Physical/chemical hazards	: Highly flammable.
Human health hazards	: WARNING! HIGHLY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

4. First-aid measures

First-Aid measures

Inhalation	: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Effects and symptoms	
Inhalation	: Hazardous in case of inhalation (lung irritant).
Skin Contact	: Hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Eye Contact	: Hazardous in case of eye contact (irritant).
Aggravating conditions	: Repeated or prolonged exposure is not known to aggravate medical condition.

5. Fire-fighting measures

Flammability of the Product	: Flammable.
<u>Extinguishing Media</u>	
Suitable	: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.
Hazardous thermal (de)composition products	: These products are carbon oxides (CO, CO ₂).
Special fire-fighting procedures	: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Protection of fire-fighters	: Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal precautions	: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Small Spill and Leak	: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill and Leak	: Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

7. Handling and storage

Handling	: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes
Storage	: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store above -70°C (-94°F).
<u>Packaging materials</u>	
Recommended use	: Use original container.

8. Exposure controls/personal protection

Engineering measures	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Hygiene measures	: Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
Lipoxin A ₄ , 15-epi	Not available.

Personal protective equipment

Respiratory system	: Vapor respirator. Be sure to use an approved/certified respirator or equivalent
Skin and body	: Lab coat.
Hands	: Gloves.
Eyes	: Splash goggles.
Protective Clothing (Pictograms)	:



9. Physical and chemical properties

Physical state	: Liquid. (Supplied in EtOH.)
Color	: Not available.
Molecular Weight	: 352.5 g/mole
Solubility	: Not available.
Flash point	: Not available.
Explosive properties	: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

10. Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: Hygroscopic; keep container tightly closed.
Hazardous Decomposition Products	: These products are carbon oxides (CO, CO ₂).

11. Toxicological information

<u>RTECS #</u>	: Not available.
<u>Local effects</u>	
Skin irritation	: Hazardous in case of skin contact (irritant).
Acute toxicity	: LD ₅₀ : Not available. LC ₅₀ : Not available.
Chronic toxicity	: Repeated or prolonged exposure is not known to aggravate medical condition.
Other Toxic Effects on Humans	: Not available. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation (lung irritant). Not available. To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.
 Carcinogenic effects	: Not available.
Mutagenic effects	: Not available.
Reproduction toxicity	: Not available.
Teratogenic effects	: Not available.

12. Ecological information

Ecotoxicity	: Not available.
Toxicity of the Products of Biodegradation	: The product itself and its products of degradation are not toxic.

13. Disposal considerations

Methods of disposal; Waste of residues; Contaminated packaging	: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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14. Transport information

International transport regulations

UN number	: UN1170
<u>Land - Road/Railway</u>	
Proper shipping name	: Ethanol solution
ADR/RID Class	: CLASS 3: Flammable liquid A.
 Packing Group	: II
ADR/RID label	:



Sea

Proper shipping name	: Ethanol solution
IMDG Class	: Not controlled under IMDG.
Packing Group	: II

Air

Proper shipping name	: Ethanol solution
UN/ID Number	: UN1170
IATA-DGR Class	: CLASS 3: Flammable liquid.

Packing Group : II
IATA label :



Special Provisions for Transport : Not available.

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Classification : Highly flammable, Irritant

Risk Phrases : R11- Highly flammable.
R36/37/38- Irritating to eyes, respiratory system and skin.

Safety Phrases : S7- Keep container tightly closed.
S16- Keep away from sources of ignition - No smoking.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36- Wear suitable protective clothing.

U.S. Federal Regulations

TSCA: No products were found.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
SARA 313 toxic chemical notification and release reporting: No products were found.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated flammable substances: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.
CLASS: Flammable liquid having a flash point lower than 37.8°C (100°F).
CLASS: Irritating substance.

HCS Classification

State Regulations

WHMIS (Canada)

: Not controlled under WHMIS (Canada).
No products were found.

16. Other information

Hazardous Material Information System (U.S.A.)

Health	2
Fire Hazard	1
Reactivity	0
Personal Protection	H

National Fire Protection Association (U.S.A.)



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 Contact:

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