



## MATERIAL SAFETY DATA SHEET

### SECTION 1. Chemical Product and Company Identification 15(S)-HETE Ethanolamide

**Product Code:** 10169 , **Reference #:** 161744-53-2

**Product Name:** 15(S)-HETE Ethanolamide

**CAS Number:** 161744-53-2

**Chemical Family:** Lipids

**Synonyms**

15(S)-hydroxy-N-(2-hydroxyethyl)-5Z,8Z,11Z,13E-eicosatetraenamide;

15(S)-HAEA

**Manufacturer Name and Address:**

Cayman Chemical Company

1180 E. Ellsworth Rd.

Ann Arbor, MI. 48108

Cayman Chemical Company

Cayman Chemical Company

**Telephone Numbers: Dates:**

(800)364-9897

Date Entered: 01/14/2004

Revision: 01/22/2004

Printed: 01/22/2004

### SECTION 2. Composition/Information on Ingredients 15(S)-HETE Ethanolamide

**Hazardous Components (Specific Chemical Identity/Common Name)**

**Name:** 15(S)-HETE Ethanolamide

**CAS #:** 161744-53-2

**Percentage:** 0.01 %

**OSHA PEL:** No data.

**ACGIH TLV:** No data.

**Name:** Ethyl alcohol

**CAS #:** 64-17-5

**Percentage:** 99.99 %

**OSHA PEL:** 8H TWA:1000ppm (1900 mg/m3)

**ACGIH TLV:** No data.

### SECTION 3. Hazards Identification 15(S)-HETE Ethanolamide

**Emergency Overview**

No data available.

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

**Potential Health Effects (Acute and Chronic)**

Material is irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

Pregnant females should avoid exposure to this compound.

Repeated exposure may cause skin dryness or cracking.

Vapors may cause drowsiness and dizziness.

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

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

**Carcinogenicity/Other Information**

No data available.

**Signs and Symptoms Of Exposure**

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

**SECTION 4. First Aid Measures**  
**15(S)-HETE Ethanolamide**

**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. Do NOT induce vomiting unless directed to do so by medical personnel.

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 20 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.

**Note to Physician**

No data available.

**Medical Conditions Generally Aggravated By Exposure**

No data available.

**SECTION 5. Fire Fighting Measures**  
**15(S)-HETE Ethanolamide**

**Flash Pt:** 62.00 F **Method Used:** See note below

**Explosive Limits:** LEL: 3.3% UEL: 19%

**Extinguishing Media**

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

**Fire Fighting Instructions**

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Note: Flammable as diluted in ethanol.

**Flammable Properties and Hazards**

Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.

Container explosion may occur under fire conditions.

Emits toxic fumes under fire conditions.

Flammable liquid.

Vapors can travel to a source of ignition and flash back.

**Hazardous Combustion Products**

carbon dioxide

carbon monoxide

**SECTION 6. Accidental Release Measures**  
**15(S)-HETE Ethanolamide**

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

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

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

**SECTION 7. Handling and Storage**  
**15(S)-HETE Ethanolamide**



A clear, colorless solution

### SECTION 10. Stability and Reactivity 15(S)-HETE Ethanolamide

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

protect from moisture

**Incompatibility - Materials To Avoid**

alkali metals

ammonia

oxidizing agents

peroxides

**Hazardous Decomposition Or Byproducts**

carbon dioxide

carbon monoxide

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

No data available.

### SECTION 11. Toxicological Information 15(S)-HETE Ethanolamide

The toxicological effects of this compound have not been thoroughly studied.

**Chronic Toxicological Effects**

No data available.

### SECTION 12. Ecological Information 15(S)-HETE Ethanolamide

Runoff from fire control or dilution water may cause pollution.

### SECTION 13. Disposal Considerations 15(S)-HETE Ethanolamide

**Waste Disposal Method**

Dispose in accordance with local, state and federal regulations.

### SECTION 14. Transport Information 15(S)-HETE Ethanolamide

**DOT Proper Shipping Name**

Ethyl alcohol

**DOT Hazard Class:** 3

**DOT Hazard Label:** FLAMMABLE LIQUID

**UN/NA Number:** 1170

**Additional Transport Information**

Transport in accordance with local, state, and federal regulations.

### SECTION 15. Regulatory Information 15(S)-HETE Ethanolamide

Regulatory information on this product is not available.

**SECTION 16. Other Information**  
**15(S)-HETE Ethanolamide**

For research use only, not for human or veterinary clinical use.

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