

Section 1 - Product and Company Information

Product Name CIS-5,8,11-EICOSATRIENOIC ACID
 Product Number E5888
 Brand SIGMA
 Company Sigma-Aldrich Canada, Ltd
 Address 2149 Winston Park Drive
 Oakville ON L6H 6J8 CA
 Technical Phone: 9058299500
 Fax: 9058299292
 Emergency Phone: 800-424-9300

Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
CIS-5,8,11-EICOSATRIENOIC ACID APPROX. 95% (CAPILLARY GC)	20590-32-3	No

Formula C20H34O2

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Flammable (USA) Highly Flammable (EU). Irritant.
 Irritating to eyes, respiratory system and skin.
 Target organ(s): Liver. Nerves.

HMIS RATING

HEALTH: 2*
 FLAMMABILITY: 0
 REACTIVITY: 0

NFPA RATING

HEALTH: 2
 FLAMMABILITY: 0
 REACTIVITY: 0

*additional chronic hazards present.

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Section 5 - Fire Fighting Measures

FLASH POINT

N/A

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

Section 6 - Accidental Release Measures

Section 7 - Handling and Storage

STORAGE

Store at -20°C

Section 8 - Exposure Controls / PPE

Section 9 - Physical/Chemical Properties

Molecular Weight	306.5 AMU
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp	N/A
Refractive Index	N/A
Optical Rotation	N/A
Miscellaneous Data	N/A
Solubility	N/A

N/A = not available

Section 10 - Stability and Reactivity

Section 11 - Toxicological Information

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Section 14 - Transport Information

DOT

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Proper Shipping Name: Ethanol [or] Ethyl alcohol [or]
 Ethanol solutions [or] Ethyl alcohol solutions
 UN#: 1170
 Class: 3
 Packing Group: Packing Group II
 Hazard Label: Flammable liquid
 PIH: Not PIH

IATA

Proper Shipping Name: Ethanol
 IATA UN Number: 1170
 Hazard Class: 3
 Packing Group: II

Section 15 - Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: F-Xi
 Indication of Danger: Highly Flammable. Irritant.
 R: 11-36/37/38
 Risk Statements: Highly flammable. Irritating to eyes,
 respiratory system and skin.
 S: 16-26-36
 Safety Statements: Keep away from sources of ignition - no
 smoking. In case of contact with eyes, rinse immediately with
 plenty of water and seek medical advice. Wear suitable
 protective clothing.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Flammable (USA) Highly Flammable (EU).
 Irritant.
 Risk Statements: Irritating to eyes, respiratory system and skin.
 Safety Statements: Keep away from sources of ignition - no
 smoking. In case of contact with eyes, rinse immediately with
 plenty of water and seek medical advice. Wear suitable
 protective clothing.
 US Statements: Target organ(s): Liver. Nerves.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in
 accordance with the hazard criteria of the CPR, and the MSDS
 contains all the information required by the CPR.
 DSL: No
 NDSL: No

Section 16 - Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not
 purport to be all inclusive and shall be used only as a guide. The
 information in this document is based on the present state of our
 knowledge and is applicable to the product with regard to
 appropriate safety precautions. It does not represent any
 guarantee of the properties of the product. Sigma-Aldrich Inc.,
 shall not be held liable for any damage resulting from handling or
 from contact with the above product. See reverse side of invoice

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