MATERIAL SAFETY DATA SHEET

Date Printed: 01/08/2009 Date Updated: 01/30/2006 Version 1.4

Section 1 - Product and Company Information Product Name NERVONIC ACID

Product Number N1514 Brand SIGMA

Sigma-Aldrich Canada, Ltd Company Address

2149 Winston Park Drive Oakville ON L6H 6J8 CA Technical Phone: 9058299500 9058299292

Fax: 800-424-9300 Emergency Phone: Section 2 - Composition/Information on Ingredient

Substance Name CAS # NERVONIC ACID 506-37-6

C24H46O2 Formula

Section 3 - Hazards Identification

EMERGENCY OVERVIEW Irritant.

Irritating to eyes, respiratory system and skin.

HMIS RATING

HEALTH: 2

FLAMMABILITY: 0 REACTIVITY: 0

NFPA RATING HEALTH: 2

FLAMMABILITY: 0 REACTIVITY: 0

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

If swallowed, wash out mouth with water provided person is conscious. Call a physician. INHALATION EXPOSURE

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Section 4 - First Aid Measures

ORAL EXPOSURE

DERMAL EXPOSURE In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE

In case of contact, immediately flush eyes with copious amounts

Section 5 - Fire Fighting Measures

FLASH POINT

AUTOIGNITION TEMP

FLAMMABILITY N/A

Protective Equipment: Wear self-contained breathing apparatus

EXTINGUISHING MEDIA Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Section 6 - Accidental Release Measures

of water for at least 15 minutes.

110 °C Method: closed cup

and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

FIREFIGHTING

HANDLING

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Store at -20°C

heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Wear respirator, chemical safety goggles, rubber boots, and

Suitable: Keep tightly closed.

Section 8 - Exposure Controls / PPE

Section 7 - Handling and Storage

ENGINEERING CONTROLS Safety shower and eye bath. Mechanical exhaust required.

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

Section 13 - Disposal Considerations

environmental regulations.

Proper Shipping Name: None

Section 14 - Transport Information

Section 15 - Regulatory Information

Indication of Danger: Irritant.

suitable protective clothing.

EU ADDITIONAL CLASSIFICATION Symbol of Danger: Xi

Non-Hazardous for Air Transport: Non-hazardous for air transport.

R: 36/37/38

s: 26-36

SIGMA - N1514

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DOT

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paper copies for internal use only.

Indication of Danger: Irritant. Safety Statements: In case of contact with eyes, rinse suitable protective clothing. SARA LISTED: No 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.

The above information is believed to be correct but does not

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 or packing slip for additional terms and conditions of sale.

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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

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Safety Statements: In case of contact with eyes, rinse

solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local

US CLASSIFICATION AND LABEL TEXT Risk Statements: Irritating to eyes, respiratory system and skin. immediately with plenty of water and seek medical advice. Wear UNITED STATES REGULATORY INFORMATION CANADA REGULATORY INFORMATION DSL: No NDSL: No Section 16 - Other Information

Risk Statements: Irritating to eyes, respiratory system and skin.

immediately with plenty of water and seek medical advice. Wear

PERSONAL PROTECTIVE EQUIPMENT Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Hand: Compatible chemical-resistant gloves. Eye: Chemical safety goggles. GENERAL HYGIENE MEASURES Wash thoroughly after handling. Section 9 - Physical/Chemical Properties SIGMA - N1514 Page 2 www.sigma-aldrich.com Physical State: Solid Appearance At Temperature or Pressure Property Value 366.63 AMU Molecular Weight N/A BP/BP Range N/A 42 °C MP/MP Range Freezing Point N/A Vapor Pressure N/A Vapor Density N/A Saturated Vapor Conc. N/A SG/Density N/A Bulk Density N/A Odor Threshold N/A Volatile% N/A VOC Content Water Content N/A Solvent Content N/A N/A Evaporation Rate Viscosity N/A Surface Tension N/A Partition Coefficient N/A N/A Decomposition Temp. 230 °F 110 °C Method: closed cup Flash Point 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 STABILITY Stable: Stable. Materials to Avoid: Strong oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide. HAZARDOUS POLYMERIZATION Hazardous Polymerization: Will not occur Section 11 - Toxicological Information ROUTE OF EXPOSURE Skin Contact: Causes skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: Causes eye irritation. Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed. SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. SIGMA - N1514 www.sigma-aldrich.com Page 3 Section 12 - Ecological Information No data available.

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