Material Safety Data Sheet

Concentration

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Revision Date 04/15/2008 Print Date 05/27/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : 2'-O-Methyladenosine

Product Number Brand : Sigma

Company : Sigma-Aldrich Canada, Ltd 2149 Winston Park Drive

OAKVILLE ON L6H 6J8 CANADA

+1 9058299500

Fax +1 9058299292 : 800-424-9300 Emergency Phone # 2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C₁₁H₁₅N₅O₄

Molecular Weight : 281.27 g/mol CAS-No. EC-No.

2'-O-Methyladenosine 2140-79-6

Index-No.

WHMIS Classification

3. HAZARDS IDENTIFICATION

Telephone

Not WHMIS controlled. Not WHMIS controlled. HMIS Classification

Health Hazard: Flammability:

0 Physical hazards: Potential Health Effects Inhalation

May be harmful if inhaled. May cause respiratory tract irritation. Skin May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. Eyes

0

0

4. FIRST AID MEASURES If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

Ingestion

In case of skin contact Wash off with soap and plenty of water.

May be harmful if swallowed.

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Never give anything by mouth to an unconscious person. Rinse mouth with water.

In case of eye contact

5. FIRE-FIGHTING MEASURES

Flush eyes with water as a precaution.

Flammable properties Flash point Ignition temperature

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special protective equipment for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

no data available no data available

Avoid dust formation.

Environmental precautions Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal. 7. HANDLING AND STORAGE

Personal precautions

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage Keep container tightly closed in a dry and well-ventilated place.

Handling

Recommended storage temperature: -20 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values. Personal protective equipment

Respiratory protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate

Hand protection For prolonged or repeated contact use protective gloves.

government standards such as NIOSH (US) or CEN (EU).

Hygiene measures General industrial hygiene practice.

Eye protection Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

solid

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Melting point

Upper explosion limit

Appearance Form

Safety data pΗ no data available

no data available Boiling point Flash point no data available no data available Ignition temperature no data available Lower explosion limit

no data available

no data available

Hazardous decomposition products formed under fire conditions. - Carbon oxides 11. TOXICOLOGICAL INFORMATION

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Potential Health Effects Inhalation Skin Eyes Ingestion

12. ECOLOGICAL INFORMATION

no data available

Ecotoxicity effects no data available

May be harmful if inhaled. May cause respiratory tract irritation.

May be harmful if absorbed through skin. May cause skin irritation.

no data available

IMDG

Further information on ecology

Product Observe all federal, state, and local environmental regulations.

13. DISPOSAL CONSIDERATIONS

Contaminated packaging

Dispose of as unused product. 14. TRANSPORT INFORMATION

Not dangerous goods 15. REGULATORY INFORMATION

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

TSCA Status

Not dangerous goods

2'-O-Methyladenosine

Not WHMIS controlled. Not WHMIS controlled.

WHMIS Classification

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Water solubility no data available 10. STABILITY AND REACTIVITY Storage stability Stable under recommended storage conditions. Materials to avoid Strong oxidizing agents Hazardous decomposition products

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no data available Irritation and corrosion no data available

Acute toxicity

Sensitisation no data available Chronic exposure

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Elimination information (persistence and degradability)

May cause eye irritation.

May be harmful if swallowed.

DOT (US) Not dangerous goods

2'-O-Methyladenosine

Not On TSCA Inventory

16. OTHER INFORMATION

the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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CAS-No.

2140-79-6

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