



MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: Dodecylamine-15N
Catalog number: N356

Supplier:

Medical Isotopes, Inc.
100 Bridge Street
Pelham, NH 03076 USA
Tel: +1-603-635-2255 Fax: +1-603-635-2448
Email: info@medicalisotopes.com

Suitability:

For laboratory use only.

Emergency Contact Information:

Call Chemtrec 24/7
DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

SECTION 2. Hazard(s) identification

Hazard classification:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin corrosion (Category 1B), H314
Serious eye damage (Category 1), H318
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
Specific target organ toxicity - repeated exposure, Oral (Category 2), Gastrointestinal tract, Liver, Immune system, H373
Aspiration hazard (Category 1), H304
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

Signal Word:

Danger

Hazard Statements:

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H373 May cause damage to organs (Gastrointestinal tract, Liver, Immune system) through prolonged or repeated exposure if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Pictogram:

N/A

Precautionary Statements:

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H373 May cause damage to organs (Gastrointestinal tract, Liver, Immune system) through prolonged or repeated exposure if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Other hazards:

None



SECTION 3. Composition/Information on Ingredients

Chemical name:

Dodecylamine-15N

Synonyms:

N/A

CAS number:

124-22-1 (unlabeled)

Impurities/Additives:

N/A

SECTION 4. FIRST AID MEASURES

Skin Contact:Wash with soap and water for several minutes. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.Consult a physician.

Inhalation: Remove from exposure and move to fresh air immediately. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water.Consult a physician.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

Hazardous combustion products:Carbon oxides. Nitrogen Oxides

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Make sure to wear appropriate protective equipment as listed in section 8. Avoid breathing dust, vapors, or mists.

Spill Clean-up Methods: Clean up spills immediately, observing precautions in the Protective Equipment section.

Cover with a non-combustible material (e.g. sand, earth, diatomaceous earth), sweep up, and place into a suitable container for disposal. Avoid breathing the resulting dust.

SECTION 7. HANDLING & STORAGE

Usage/Handling Precautions: Make sure to wear appropriate PPE as listed in section 8. Avoid contact with skin and eyes.

Storage Conditions: Keep tightly closed in a dry and well-ventilated place. Store at room temperature.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls: Use fumehood if available.

Personal Protective Equipment

Eyes: Always wear safety glasses when working with chemicals. Wear chemical goggles when working with liquids.

Skin: Wear protective gloves and a lab coat to prevent skin exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Crystalline

Odor:N/A

pH: N/A

Melting Point:N/A

Water Solubility (%): N/A

Flash Point (°C):N/A

Vapor pressure: N/A

Autoignition Temperature (°C):N/A

Flammability Limits in Air (% by Vol.):N/A

SECTION 10. STABILITY & REACTIVITY

Reactivity: N/A

Chemical Stability: Stable under recommended storage conditions

Conditions to Avoid: Strong oxidizing agents.



SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:

LC50 Inhalation –N/A

Ingestion:

LD50 Oral - Rat - male and female - > 2,000 mg/kg

Skin and eye contact:

Skin - Rabbit

Result: Corrosive - 3 min

Other:N/A

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to fish static test LC50 - Danio rerio (zebra fish) - 0.54 mg/l - 96 h
(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

static test EC50 - Daphnia magna (Water flea) - 0.15 mg/l - 48 h
(OECD Test Guideline 202)

Toxicity to algae static test EC50 - Pseudokirchneriella subcapitata - 0.05 mg/l - 72 h
(OECD Test Guideline 201)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Via licensed disposal company. Dispose of according to federal, state/province and local regulations.

SECTION 14. TRANSPORT INFORMATION

UN number: 3259 Class: 8 Packing group: II

Proper shipping name: Amines, solid, corrosive, n.o.s. (Dodecylamine)

Reportable Quantity (RQ):

Poison Inhalation Hazard: No

IMDG

UN number: 3259 Class: 8 Packing group: II EMS-No: F-A, S-B

Proper shipping name: AMINES, SOLID, CORROSIVE, N.O.S. (Dodecylamine)

Marine pollutant:yes

IATA

UN number: 3259 Class: 8 Packing group: II

Proper shipping name: Amines, solid, corrosive, n.o.s. (Dodecylamine)

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 05/02/17

HMIS Rating

Health hazard: 3

Chronic Health Hazard:

Flammability: 1

Physical Hazard 0

NFPA Rating

Health hazard: 3

Fire Hazard: 1

Reactivity Hazard: 0

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