



MEDICAL ISOTOPES, Inc.

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MATERIAL SAFETY DATA SHEET

Medical Isotopes, Inc.
Company Code: L074
Sheet No. 4805

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: N-Acetyl-S-benzyl-L-cysteine

CATALOG NUMBER: 4805

CAS No: 132-69-4

SECTION 2. CHEMICAL INFORMATION (UNLABELED)

CHEMICAL NAME: N-Acetyl-S-benzyl-L-cysteine

Formula: C₁₂H₁₅NO₃S

SECTION 3. HAZARDS IDENTIFICATION

Known Hazards: May be harmful if inhaled. Causes respiratory tract irritation. May be harmful if absorbed through skin. Causes skin irritation. Causes eye irritation. May be harmful if swallowed.

SECTION 4. FIRST AID MEASURES

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Eye Contact: Flush eyes with water as a precaution

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

Inhalation: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Fire Fighting Equipment: Wear self contained breathing apparatus for fire fighting if necessary

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Spill Clean-up Methods: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING & STORAGE

Usage/Handling Precautions: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection

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

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

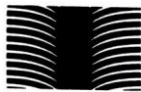
Respiratory Protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) CEN (EU)

Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Safety glasses with side shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Other Protective Equipment: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Other Protective Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

Molecular Weight: 253.32

SECTION 10. STABILITY & REACTIVITY

Incompatibility (Materials/Conditions to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, sulfur oxides

Stability: Stable under recommended storage conditions

SECTION 11. TOXICOLOGICAL INFORMATION

Effects of Overexposure: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SECTION 12. ECOLOGICAL INFORMATION

Do not let product enter drains.

SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION

Non-hazardous for transport

SECTION 15. REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. MEDICAL ISOTOPES, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.