



MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: Apobuscopan
Catalog number: 89543

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 Infotrac 24/7
DOMESTIC NORTH AMERICA 1-800-535-5053 (United States, Canada, Mexico)
INTERNATIONAL, CALL 1-352-323-3500

SECTION 2. Hazard(s) identification

Hazard classification:

Not a hazardous substance or mixture.

Signal Word:

N/A

Hazard Statements:

Not a hazardous substance or mixture.

Pictogram:

N/A

Precautionary Statements:

Not a hazardous substance or mixture.

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

Apobuscopan

Synonyms:

(1 α ,2 β ,4 β ,5 α ,7 β)-9-Butyl-9-methyl-7-[(1-oxo-2-phenyl-2-propenyl)oxy]-3-oxa-9-azoniatricyclo[3.3.1.0 $_{2,4}$]nonane Bromide; 3-Oxa-9-azatricyclo[3.3.1.0 $_{2,4}$]nonane 3-Oxa-9-azoniatricyclo[3.3.1.0 $_{2,4}$]nonane Deriv.

CAS number:

92714-23-3

Impurities/Additives:

N/A

SECTION 4. FIRST AID MEASURES

Skin Contact: Wash affected area with soap and water. Consult a physician if any exposure symptoms are observed.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting unless advised to do so by a physician or Poison Control Center. Seek medical attention.

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration and consult a physician.

Eye Contact: Immediately rinse eyes with plenty of water for at least 15 minutes. Consult a physician.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special Hazards Arising from the Substance or Mixture

Carbon oxides, Nitrogen oxides, Hydrogen bromide

5.3 Advice for Firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further Information



No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Method and materials for containment and cleaning up

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.

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Hygroscopic, -20°C Freezer, under inert atmosphere. Keep in a dry place.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control Parameters

Contains no components with established occupational exposure limits.

8.2 Exposure Controls

Appropriate Engineering Controls

A laboratory fumehood or other appropriate form of local exhaust ventilation should be used to avoid exposure.

Personal Protective Equipment

All recommendations below are advisory in nature and a risk assessment should be performed by the employer/end user prior to use of this product. The type of protective equipment must be selected based on the amount and concentration of the dangerous material being used in the workplace.

Eye/Face Protection

Safety goggles or face shield. All equipment should have been tested and approved under appropriate standards, such as NIOSH (US), CSA (Canada), or EN 166 (EU).

Skin Protection

Gloves should be used when handling this material. Gloves are to be inspected prior to use. Contaminated gloves are to be removed using proper glove removal technique so that the outer surface of the glove does not contact bare skin. Dispose of contaminated gloves after use in compliance with good laboratory practices and local requirements. Gloves used for incidental exposures (splash protection) should be designated as "chemical resistant" by EU standard EN 374 with the resistance codes corresponding to the anticipated use of the material. Unrated gloves are not recommended.

Suggested gloves: AnsellPro Sol-Vex nitrile gloves style 37-175, 15 mil thickness.

Penetration time has not been determined.

Gloves used for prolonged direct exposure (immersion) should be designated "chemical resistant" as per EN 734 with the resistance codes corresponding to the anticipated use of the material.

Suggested gloves: AnsellPro Viton/Butyl gloves style 38-612, 4/8 mil thickness.

Penetration time has not been determined.

These recommendations may not apply if the material is mixed with any other chemical, or dissolved into a solution. A risk assessment must be performed to ensure the gloves will still offer acceptable protection.

Body Protection

Fire resistant (Nomex) lab coat or coveralls.

Respiratory Protection

Recommended respirators are NIOSH-approved N100 or CEN-approved FFP3 particulate respirators. These are to be only used as a backup to local exhaust ventilation or other engineering controls. If the respirator is the only means of protection, a full-face supplied air respirator must be used.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white solid

Odor: N/A

pH: N/A

Melting Point: >55°C (dec.)

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: N/A

SECTION 11. TOXICOLOGICAL INFORMATION

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

Ingestion: N/A

Skin and eye contact: May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation.

Other: N/A

SECTION 12. ECOLOGICAL INFORMATION

N/A

SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods.

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 4/7/21

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