



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Homatropine Methylbromide USP

55-1007

Section 1: Identification

Product Name Homatropine Methylbromide USP

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 55-1007

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute toxicity (oral) Cat. 4 Acute toxicity (Inhalation) Cat. 4 Water pollution class: 3
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. Harmful if inhaled.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands and other exposed areas thoroughly after handling
Response	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth.
Storage	Not available
Disposal	P501 - Dispose of contents/container to: Hazardous waste. Comply with applicable regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Homatropine methylbromide

% By Weight 100

CAS# 80-49-9

Molecular Weight 370.29 g/mole

Chemical Formula C17H24BrNO3

Synonym(s) endo(±) - alpha - Hydroxybenzeneacetic acid 8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester methyl bromide

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Homatropine methylbromide	80-49-9	100	Not available.	ORAL (LD50): Acute: 1200 mg/kg [Rat]. 1400 mg/kg [Mouse]. 1000 mg/kg [Guinea pig].

Section 4: First-Aid Measures

Inhalation	Move to fresh air in case of accidental inhalation. Assure fresh air breathing. Call a physician immediately.
Skin Contact	Wash off immediately with plenty of water. Cover wound with sterile dressing. Call a physician immediately.
Eye Contact	Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Contact lenses should be removed. Call a physician immediately.
Ingestion	Rinse mouth. Drink plenty of water. Call a physician immediately.
Symptoms/Effects	
Acute	Dilatation of the pupil, Bradycardia, Tachycardia
Delayed	Dilatation of the pupil, Bradycardia, Tachycardia
Immediate Medical Attention	
In all cases of doubt, or when symptoms persist, seek medical attention.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, foam, carbon dioxide (CO₂), dry chemical.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

In case of fire and/or explosion do not breathe fumes. Can be released in case of fire: carbon oxides, nitrogen oxides (NO_x), hydrogen bromide (HBr)

Firefighters Special Equipment and Precautions

Self-contained breathing apparatus (EN 133), complete suit protecting against chemicals. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment. Refer to protective measures listed in section 7 and 8. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid raising dust. Environmental precautions: Do not flush into surface water or sanitary sewer system. Methods and material for containment and cleaning up: Cleaning operations should be carried out only while wearing breathing apparatus. For large amounts: Dampen, pick up mechanically and dispose of. Avoid raising dust. For residues: Use approved industrial vacuum cleaner for removal. Pack in tightly closed containers for disposal. Knock down dust with water spray jet.

Section 7: Handling and Storage

Precautions for safe handling: Keep container closed when not in use. Provide sufficient air exchange and/or exhaust in work rooms. Breathing must be protected, when large quantities are decanted without local exhaust ventilation. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Avoid dust formation. General industrial hygiene practice. Wash hands and face before breaks and immediately after handling the product. Keep working clothes separately. Conditions for safe storage, including any incompatibilities: Keep containers tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight. Handle and open container with care. Recommended storage temperature: 25°C Keep away from food, drink and animal feeding stuff. Advice on segregation. Hints on storage assembly: Jointless smooth floor. Requirements for storage rooms and vessels: Store in original container Storage category: 11 Combustible solids

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Only use protective equipment in accordance with national/ international regulations. Follow the national regulations about wearing personal protective equipment and the warranty given by the manufacturer for the safe function. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Do not breathe dust



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Homatropine Methylbromide USP

55-1007

Personal Protection

Breath protection: Protecting mask (EN 136) particle filter P3 (EN 143) Hand protection: Chemical Safety Glove category III (EN 374). Glove material: Nitrile rubber, Layer thickness: 0.43 mm. Resistance (permeability): Level 6 (480 min) Eye protection: Safety glasses with side-shields conforming to EN 166 (Not necessary when using full mask) Skin protection: laboratory: laboratory coat; factory: chemical protection overall if dust is formed.

Section 9: Physical and Chemical Properties

Appearance	white or almost white crystalline powder		
Odor	odourless		
Odor Threshold	Not available.		
Melting Point	193 °C	pH	6.0 at 10.0 g/l
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	320 °C
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.

Solubility(ies)	Completely soluble in water
Other	Thermal decomposition: to approx. 181 °C at 5 K/min Smouldering temperature: > 425 °C

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Not available
Hazardous Polymerization	Not available
Conditions to Avoid	Not available.
Incompatible Materials	sensitive to oxidants
Hazardous Decomposition Products	Dust can form an explosive mixture with air. When heated to decomposition, emits dangerous fumes.

Section 11: Toxicological Information**RTECS** MS9000000**Acute Toxicity**

LD50 oral rat: 1200 mg/kg LD50 oral mouse: 1307 mg/kg ATE (oral): 500.000 mg/kg

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not listed by ACGIH, IARC, or NTP

Reproductive Toxicity

Not available.

Routes of Entry

Not available

Symptoms Related to Exposure

Not available.

Potential Health Effects

Avoid any direct contact with the product. Small amounts: When used and handled according to specifications, the product does not have any harmful effects according to the information provided to us.

Target Organ(s) Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in accordance with local regulations. Packs that can not be cleaned should not be disposed of in the same manner as the contents. Uncontaminated packaging can be recycled.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

ADR/RID-code: UN-No: 1544 Class: 6.1 Classification code: T2 Packaging group: III TRC: (E) Hazard ID-No.: 60 Label(s): 6.1
Designation of goods: ALKALOID SALTS, SOLID, N.O.S. ((+/-)-Homatropine Methylbromide)

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

Edition documentation - first edition The information contained herein is based on the present state o knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.