

SAFETY DATA SHEET



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: AMLODIPINE BESYLATE

SDS NO.8092

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Amlodipine Besylate

Synonyms: Amlodipini Besilas

Recommended Use: No further relevant information available.

Manufacturer/Supplier: Humco Holding Group, Inc.



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2. HAZARD IDENTIFICATION

Pictogram:	 GHS09  GHS07
Classification:	Aquatic Acute 1 H400 Very toxic to aquatic life. Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.
Signal Word:	Warning
Hazard Statements:	H302 Harmful if swallowed. H315 Causes skin Irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
AMLODIPINE BESYLATE	111470-99-6
AMLODIPINI BESLIAS	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	In case of unconsciousness place patient stably in side position for transportation
Ingestion	Not determined	Immediately call a doctor.
Skin	Slight skin irritation.	Immediately wash with water and soap and rinse thoroughly
Eyes	Not determined	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not Applicable.
Auto Ignition:	Not Determined
Extinguishing Media:	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	Not determined.
Fire Fighting Equipment and Procedures:	No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Not required.
Environmental Precautions:	Do not allow product to reach sewage system or any watercourse. Inform respective authorities in case of seepage into watercourse or sewage system. Do not allow to enter sewers/ surface or ground water.
Method of Containment:	Ensure adequate ventilation.
Method for Clean-Up:	Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:	No special precautions are necessary if used correctly.
Storage:	Store in cool, dry conditions in well-sealed receptacles.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	Protective work clothing.
Eye/Face Protection:	Tightly sealed goggles
Skin Protection:	Protective Gloves
Respiratory Protection	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
General Hygiene Considerations:	Wash hands before breaks and at end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White	Upper/Lower Flammability:	Not Applicable.
Odor:	Odorless	Vapor Pressure	Not Applicable.
Odor Threshold:	Not Determined.	Vapor Density:	Not Determined.
pH:	Not Applicable.	Relative Density:	Not Determined.
Melting point /Freezing Point:	199°C (390°F) / Not Determined	Solubilities:	Soluble.
Boiling point/range:	Undetermined	Partition coefficient: n-octanol/water:	Not Determined
Flash point	Not Applicable.	Auto-ignition temperature	Not Determined
Evaporation rate	Not Applicable	Decomposition Temperature:	Not Determined
Flammability:	Product is not flammable.	Viscosity	Not Applicable.

10. STABILITY AND REACTIVITY

Reactivity:	Not Reactive
Chemical Stability:	Stable
Possibility of Hazardous reactions:	Not Determined
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	May cause skin irritation. It may be absorbed through skin and activate dermal pain fibers causing a burning sensation
Eye contact damage:	May cause redness, pain tearing, larcimation or blepharoplasm
Respiratory damage:	Prolonged or repeated inhalation may cause severe chronic bronchitis.
Ingestion overdose:	Prolonged or repeated ingestion may affect metabolism, liver.
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	37mg/kg (mus) 393 mg/kg (rat)
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	Not Determined
OSHA:	Not Listed
NTP:	Not Listed
IARC:	Not Listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	EC50(48h) 9.9 mg/l (Daphnia) EC50(72h) 0.28 mg/l (Algen)
Chemical degradation:	No further relevant information available.
Biodegradation:	Not Determined
Bioaccumulation potential	No further relevant information available.
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Not Applicable
UN number:	UN3077
UN proper shipping name:	Not Applicable
Transport hazard class(es):	9 Miscellaneous dangerous substances and articles
Packing group number:	III
Environmental hazards:	Not Applicable
Special precautions:	Not Applicable

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

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