

PRODUCT AND COMPANY IDENTIFICATION

GHS Product Name: Moxonidine
Product code: h-308
Company: PharmSintez.Lab
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1.1 Product identifiers

Product name:	Moxonidine
Product Catalogue Number:	h-301
Band:	PharmSintez.Lab
CAS-No:	75438-57-2

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

PHYSICAL HAZARDS	Not classified
HEALTH HAZARDS	
Acute toxicity (Oral)	Category 3
ENVIRONMENTAL HAZARDS	Not classified

2.2 Label elements

Pictograms or hazard symbols



Signal word

Danger

Hazard statements

H301-Toxic if swallowed.

Precautionary statements

[Prevention]

P270-Do not eat, drink or smoke when using this product.

P264-Wash hands thoroughly after handling.

P301+P310-IF SWALLOWED: Immediately call a POISON CENTER or

[Response]

doctor/physician.

P330-Rinse mouth.

[Storage]

P405-Store locked up.

[Disposal]

P501-Dispose of contents/container through a waste management company authorized by the local government

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Components:	Moxonidine
Percent:	>98.0%(T)
CAS Number:	75438-57-2
Synonyms:	4-Chloro-N-(4,5-dihydro-1H-imidazol-2-yl)-6-methoxy-2-methyl-5-pyrimidinamine
Chemical Formula:	C9H12ClN5O

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact: easy to do.	Rinse cautiously with water for several minutes. Remove contact lenses, if present and Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, foam, water spray, carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Hydrogen chloride

5.3 Advice for firefighters method according to

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use extra personal protective equipment (P3 filter respirator for toxic particles). Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

6.2 Environmental precautions

Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling Prevent dispersion of

Handling is performed in a well ventilated place. Wear suitable protective equipment. dust. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool and dark place. Store locked up. Store away from incompatible materials such as oxidizing agents.

7.3 **Specific end use(s)** No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters** No data available

8.2 **Exposure controls** Install a closed system or local exhaust. Also install safety shower and eye bath.

Respiratory protection: Dust respirator, self-contained breathing apparatus(SCBA), supplied air respirator, etc.
Use respirators

approved under appropriate government standards and follow local and national regulations.

Hand protection: Impervious gloves.

Eye protection: Safety goggles. A face-shield, if the situation requires.

Skin and body protection: Impervious protective clothing. Protective boots, if the situation requires.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state (20°C): Solid
Form: Crystal- Powder
Colour: White - Almost white
Odour: No data available
pH: No data available
Melting point/freezing point: 206°C
Boiling point/range: No data available
Flash point: No data available
Evaporation rate(Butyl Acetate=1): No data available
Flammability(solid, gas): No data available

Flammability or explosive limits:

Lower: No data available

Upper: No data available

Vapour pressure: No data available.

Vapour density: No data available

Relative density: No data available

Solubility(ies):

[Water] No data available

[Other solvents] No data available

Partition coefficient: n- octanol/water:

No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Dynamic Viscosity: No data available

No data available

Kinematic viscosity: No data available

9.2 **Other safety information** No data available

10. STABILITY AND REACTIVITY

10.1 **Reactivity** No data available

10.2 **Chemical stability** Stable under proper conditions.

10.3 **Possibility of hazardous reactions** No special reactivity has been reported.

10.4 **Conditions to avoid** No data available

- 10.5 **Incompatible materials** Oxidizing agents
 10.6 **Hazardous decomposition products** Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Hydrogen chloride

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/irritation: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: No data available
IARC = No data available
NTP = No data available
Reproductive toxicity: No data available
STOT-single exposure: No data available
STOT-repeated exposure: No data available
Aspiration hazard: No data available
RTECS Number: UV6260290

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Fish: No data available
Crustacea: No data available
Algae: No data available

12.2 **Persistence and degradability** No data available

12.3 **Bioaccumulative potential** No data available

12.4 Mobility in soil

Log Pow: No data available
Soil adsorption (Koc): No data available

Henry's Law constant(PaM³/mol):

No data available

12.5 Results of PBT and vPvB assessment

PBT: Not applicable
vPvB: Not applicable

12.6 **Other adverse effects** No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

14.1 **UN number** 2811
 14.2 **UN proper shipping name**
ADR/RID Toxic solid, organic, n.o.s.
IMDG/IMO Toxic solid, organic, n.o.s.
ICAO/IATA Toxic solid, organic, n.o.s.
 14.3 **Transport hazard class(es)**
ADR/RID 6.1: Toxic substance.
IMDG/IMO 6.1: Toxic substance.
ICAO/IATA 6.1: Toxic substance.

14.4 Packaging group	
ADR/RID	III
IMDG/IMO	III
ICAO/IATA	III
14.5 Environmental hazards	
Marine pollutant	-
14.6 Special precautions for user	No data available

Further information

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Preparation Information

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