

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name:	Pramipexole dihydrochloride
Synonyms:	(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole dichloride monohydrate; PPX dichloride
Company Identification:	PI Chemicals Ltd. Building B, 633 E Shan Road, Pudong New Area Shanghai 200127, China
Telephone Number:	86-21-58953700
Fax Number:	86-21-58953701

Section 2 - Product Information

Catalog Number:	PI-27056
CAS Number:	104632-25-9
MDL Number:	MFC00876894
Purity:	98%

Section 3 - Physical and Chemical Properties

Physical state:	Powder
Color:	White or off-white
Molecular Formula:	C ₁₀ H ₁₇ N ₃ S 2HCl
Molecular Weight:	284.25
Freezing/Melting Point:	Not available
Boiling Point:	Not available
Flash Point:	Not available
Autoignition Temperature:	Not available
Refractive Index (n_D20):	Not available
Density:	Not available
Decomposition Temperature:	Not available
Solubility:	Not available

Section 4 - Hazards Identification

Eye:	Causes eye irritation.
Skin:	May be harmful if absorbed through skin. Causes skin irritation.
Ingestion:	May be harmful if swallowed.
Inhalation:	May be harmful if inhaled. Causes respiratory tract irritation.

Section 5 - First Aid Measures

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled:	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 6 - Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides (NO _x), Sulphur oxides, Hydrogen chloride gas.
Hazardous Polymerization:	Has not been reported.

Section 7 - Handling and Storage

Handling:	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 preventive fire protection.
Storage:	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2 - 8 °C.

Section 8 - Personal Protection

Eyes:	Wear appropriate protective eyeglasses.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Fire and Explosion Hazard Data

General Information:	As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

RTECS#: CAS# 104632-25-9: Not available.
LD50/LC50: RTECS # Not available.
Carcinogenicity: Pramipexole dihydrochloride -Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.

Section 12 - Environmental information

Not available

Section 13 - Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 - Transport Information

IATA: Not dangerous goods.
IMO: Not dangerous goods.
RID/ADR: Not dangerous goods.

Section 15 - Regulatory Information

Hazard Symbols: Xi
Indication of Danger: Irritant
Risk Phrases:
R 36/37/38: Irritating to eyes, respiratory system and skin.
Safety Phrases:
S 36: Wear suitable protective clothing.
S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section 16 - Additional Information

MSDS Creation Date: 26 February, 2009
Update: 5 July, 2011

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