

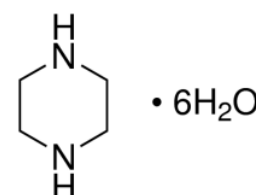


Product Specification

cdhfinechemical.com

PIPERAZINE (HEXAHYDRATE)

PRODUCT CODE	029564
SYNONYMS	(Diethylenediamine hexahydrate)
C.I. NO.	--
CASR NO.	(142-63-2)
ATOMIC OR MOLECULAR FORMULA	C₄H₁₀N₂·6H₂O
ATOMIC OR MOLECULAR WEIGHT	194.23
PROPERTIES	Hygroscopic / Light sensitive



PARAMETER	LIMIT
Description	Colourless glassy deliquescent Crystals.
Solubility	5% solution in water is clear and colourless.
Identification (By FTIR)	Conforms.
Assay (HClO ₄ titration)	98.00%
Melting point	42 - 44°C

Note(s) : Assay (if applicable) method mentioned.

<p>WARNING</p> <p>Hazard statements : Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage.</p> <p>Precautionary statements</p> <p>Prevention: Wash thoroughly after handling. Do not breathe dust or mist. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing and eye/face protection. In case of inadequate ventilation wear respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated clothing should not be allowed out of the workplace. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.</p> <p>Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS.</p>	<p>IMDG Code : 8/III</p> <p>UN No. : 2579</p> <p>IATA : 8</p>
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Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



GHS08



GHS05