

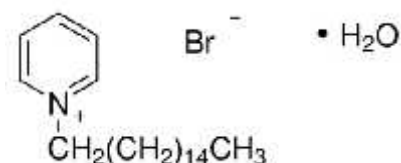


# Product Specification

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## CETYL PYRIDINIUM BROMIDE MONOHYDRATE

PRODUCT CODE	027664
SYNONYMS	(N-Hexadecylpyridinium bromide)
C.I. NO.	--
CASR NO.	(140-72-7)
ATOMIC OR MOLECULAR FORMULA	$C_{21}H_{38}NBr \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	402.46
PROPERTIES	Soluble in acetone, ethanol and chloroform.



PARAMETER	LIMIT
Description	Cream coloured crystals / crystalline powder.
Solubility	Soluble in ethanol.(1 gm in 30 ml ethanol)
Minimum Assay (ex Br, Argentometric )	95.0%
Melting Point	63° - 66°C

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

### DANGER

**Hazard statements :** May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.

### Precautionary statements

**Prevention:** Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas /mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response:** Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.

IMDG Code : 6.1/II

UN No. : 2811

IATA : 6.1

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-



GHS06