



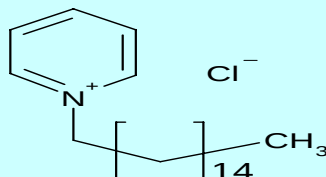
SDFCL
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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID:IPSI37921XPS.xls
PRODUCT CODE	37921
PRODUCT NAME	CETYL PYRIDINIUM CHLORIDE MONOHYDRATE LR Meets Analytical Spn of BP, USP and Ph.Eur.
SYNONYMS	(1-Hexadecylpyridinium chloride monohydrate)
C.I. NO.	--
CASR NO.	(6004-24-6)
ATOMIC OR MOLECULAR FORMULA	$C_{21}H_{38}NCl \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	358.0
PROPERTIES	--



PARAMETER	LIMIT
Description	White powder.
Solubility	1.0% solution in water is clear and colourless.
Identification	Passes test
Assay(Redox titration ;Calc.with reference to the anhy.sub.)	99.0 - 102.0%
Melting Point	80° - 84°C
pH (of 1% Aq. Solution)	4.7 - 5.7
Water	4.5 - 5.5%
Absorptivity (A1%/1 cm at λ max 259 nm; in water. Calc.with reference to the anhy.sub)	126 - 134
Appearance of solution	Passes test.
Acidity	Passes test.
Amine & Amine salts	Passes test.
Pyridine	Passes test.
Sulphated Ash	Max. 0.1%
MAXIMUM LIMIT OF IMPURITIES	
Heavy Metals (Pb)	0.002%
Organic volatile Impurities	Meets the requirement.

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

HAZARD DANGER Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. Fatal if inhaled. May cause respiratory irritation. Very toxic to aquatic life. PRECAUTIONARY STATEMENTS Prevention : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection. Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment is urgent (see MSDS) Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re-use. Collect spillage.	IMDG Code : 6.1/II UN No. : 2811 IATA : 6.1
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Acute toxicity



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 23.03.2015.
Date : 12.03.2015.	Date : 12.03.2015.	Date : 23.03.2015.	AMEND NO. : 1671.