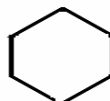




Product Specification

E Control	QC2\DATAD\DA\PS\22105XPS.xls
PRODUCT CODE	22105
PRODUCT NAME	CYCLOHEXANE FOR PESTICIDE RESIDUE TRACE ANALYSIS
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	110-82-7
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂
ATOMIC OR MOLECULAR WEIGHT	84.16
PROPERTIES	



PARAMETER	LIMIT
Description	A clear and colourless liquid.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless soln
Minimum assay (By GC)	99.8%
Wt. per ml at 20°C	0.777 - 0.779 g
Refractive Index (n) _D ²⁰	1.426-1.427
MAXIMUM LIMIT OF IMPURITIES	
Water	0.01%
Non volatile matter	0.001%
Suitable for residue analysis	No impurities present which would show greater signals than 5 pg/ml of Lindane in the GC/ECD retention range of a-BHC to 4,4'-DDT

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

DANGER HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Very toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Wash thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Keep container tightly closed. Response : If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.	IMDG Code : 3/II UN No. : 1145 IATA : 3
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Hazard pictogram(s) :



Skin irritation



Flammable liquids



Hazardous to the aquatic environment

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 11/04/2009
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 01/09/2010

Date : 30/08/2010	Date : 30/08/2010	Date : 01/09/2010	AMEND NO. : P062
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