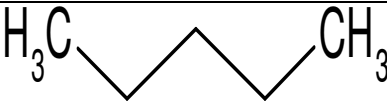




Product Specification

E Control	QC2\DATAD\D:\PS\22111XPS.xls		
PRODUCT CODE	22111		
PRODUCT NAME	N-PENTANE FOR PESTICIDE RESIDUE TRACE ANALYSIS		
SYNONYMS	N/A		
C.I. NO.	N/A		
CASR NO.	109-66-0		
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₂		
ATOMIC OR MOLECULAR WEIGHT	72.15		
PROPERTIES			
PARAMETER	LIMIT		
Description	A clear liquid with a characteristic odour, not more than 10 Hazen units in colour.		
Solubility	Miscible with absolute methylated spirit (methanol) forming clear and colourless solution.		
Minimum assay (By GC)	99.0%		
Wt. per ml at 20 °C	0.625 -626 g		
Refractive Index (n) _D ²⁰	1.357 - 1.358		
MAXIMUM LIMIT OF IMPURITIES			
Water	0.01%		
Non volatile matter	0.0005%		
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		IMDG Code : 3/II	
HAZARD STATEMENTS : May cause respiratory irritation. May cause drowsiness or dizziness. Extremely flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.		UN No. : 1265	
PRECAUTIONARY STATEMENTS :		IATA : 3	
Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment Use only non-sparking tools. Take precautionary measures against static discharge. 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.			
Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. Collect spillage.			
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) :			
   			
Skin irritation Flammable liquids Aspiration hazard Hazardous to the aquatic environment			
Prepared By : VINOD PATEL	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. : 23/08/2010
Date : 20/08/2010	Date : 20/08/2010	Date : 23/08/2010	AMEND NO. : P062