



## Product Specification

### N-PENTANE FOR PESTICIDE RESIDUE TRACE ANALYSIS

PRODUCT CODE	762720
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	(109-66-0)
ATOMIC OR MOLECULAR FORMULA	C <sub>5</sub> H <sub>12</sub>
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 alcohol forming a clear solution.
Minimum Assay ( GC)	99.0%
Wt. per ml at 20 <sup>0</sup> C	0.625-0.626 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.357-1.358
Boiling Range(35-37°C)	Min.95.0%

#### 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

**HAZARD STATEMENTS** : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed. 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. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

**Response** : Specific treatment: refer to Label or MSDS. In case of fire, use foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower

**Disposal**: .....

**Hazard Pictogram(s) :-**



IMDG Code : 3/II

UN No. : 1265

IATA : 3