



Product Specification

n-PENTANE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	762700
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	109-66-0
ATOMIC OR MOLECULAR FORMULA	CH ₃ (CH ₂) ₃ CH ₃
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 (GC)	99.0%
Wt. per ml at 20°C	0.625 g

MAXIMUM LIMIT OF IMPURITIES

Water	0.01%
Non volatile matter	0.002%
Acidity (C ₄ H ₉ COOH)	0.001%
Maximum absorbance in a 1.0 cm cell at :	.
200 nm	1.0
225 nm	0.1
250 nm	0.01

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:

IMDG Code : 3/II
UN No. : 1265
IATA : 3

Hazard Pictogram(s) :-



Skin irritation



Flammable liquids



Hazardous to the aquatic environment