n-PENTANE

PRODUCT CODE	029451
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	109-66-0
ATOMIC OR MOLECULAR FORMULA	C_5H_{12}
ATOMIC O RMOLECULAR WEIGHT	72.15
PROPERTIES	--

$$CH_3(CH_2)_3CH_3$$

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°C	0.625 - 0.626 g
Boiling range	35 - 37°C
Refractive Index (n) $\frac{20}{D}$	1.357 - 1.359

MAXIMUM LIMIT OF IMPURITY	
Non volatile matter	0.005%

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

DANGER
HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes skin irritation. Causes eye irritation. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure by inhalation. Toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS :
Prevention : Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only non-sparking tools. Ground/bond container and receiving equipment. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof
electrical/ventilating/lighting/equipment.
Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Get medical advice/attention if you feel unwell. If skin irritation occurs, seek medical

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

Disposal: ------------

Hazard pictogram(s) :

GHS07   GHS02   GHS08   GHS09

Replace Date : 27-Apr.-2018