



Product Specification

cdhfinechemical.com

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 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°C 0.625 - 0.626 g

Boiling range 35 - 37°C

Refractive Index (n)_D²⁵ 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

Disposal: -----

Hazard pictogram(s) :



GHS07



GHS02



GHS08



GHS09

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

Replace Date : 27-Apr.-2018