



Product Specification

cdhfinechemical.com

n-OCTANE FOR SYNTHESIS

PRODUCT CODE	029409
SYNONYMS	--
C.I. NO.	--
CASR NO.	111-65-9
ATOMIC OR MOLECULAR FORMULA	CH ₃ (CH ₂) ₆ CH ₃
ATOMIC OR MOLECULAR WEIGHT	114.23
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Insoluble in water, slightly soluble in alcohol & miscible with benzene, petroleum ether.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	0.701 - 0.702 g
Boiling Range (123 - 126°C)	Min. 95.0%
Refractive Index (n) ₂₀ D	1.397 - 1.398
MAXIMUM LIMIT OF IMPURITY	
Non volatile matter	0.002%

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes skin irritation. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS :

Prevention : Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Ground/bond container and receiving equipment. Wash thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

Response : Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical advice/attention. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Remove/Take off immediately all contaminated clothing.

Disposal : ---

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :



GHS07



GHS09



GHS02