

N-HEPTANE AR

PRODUCT CODE	542005
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	142-82-5
ATOMIC OR MOLECULAR FORMULA	CH₃(CH₂)₅CH₃
ATOMIC OR MOLECULAR WEIGHT	100.21
PROPERTIES	--



PARAMETER	LIMIT
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Description	A clear liquid not more than 10 Hazen units in colour, with a characteristic odour.
Solubility	Immiscible with water, Miscible with absolute industrial methylated spirit (methanol) forming a clear and colourless solution.
Minimum assay (By GC)	99.00%
Wt. per ml at 20°C	0.683 - 0.684 g
Refractive Index (n) ²⁰ _D	1.3880-1.3885
Miscibility with chloroform & diethyl ether	Complete.

MAXIMUM LIMIT OF IMPURITIES

Bromine number	0.5
Water	0.02%
Acidity (CH ₃ COOH)	0.0005%
Alkalinity (NH ₃)	0.0001%
Non volatile matter	0.001%
Sulphur compounds (CS ₂)	0.0003%
Copper (Cu)	0.00002%
Iron (Fe)	0.00005%
Lead (Pb)	0.00002%
Substances darkened by sulphuric acid	Passes test.

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

DANGER

Hazard statements: May cause respiratory irritation. Flammable liquid and vapour. Harmful if inhaled. 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. 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. Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

Disposal: Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code	: 3 / II
UN No.	: 1208
IATA	: 3



Product Specification

cdhfinechemical.com

Hazard Pictogram (s) :-



GHS02



GHS07



GHS09



GHS08

Replace Date – 17-02-2020