



Product Specification

cdhfinechemical.com

n-AMYL ALCOHOL AR/ACS

PRODUCT CODE	457915	
SYNONYMS	(n-Pentanol, Pentyl alcohol , 1-pentanol)	
C.I. NO.	N/A	
CASR NO.	(71-41-0)	
ATOMIC OR MOLECULAR FORMULA	C₅H₁₂O	CH₃(CH₂)₃CH₂OH
ATOMIC OR MOLECULAR WEIGHT	88.15	
PROPERTIES	Combustible	

PARAMETER	LIMIT
Description	Clear & colourless liquid.
Solubility	Miscible with methanol.
Identity (By FTIR)	Conform
Minimum assay (By GC)	99.0%

MAXIMUM LIMIT OF IMPURITIES



Free acid (CH ₃ COOH)	0.005%
Aluminum (Al)	0.00005%
Boron (B)	0.000002%
Barium (Ba)	0.00001%
Calcium (Ca)	0.00005%
Cadmium (Cd)	0.000005%
Cobalt (Co)	0.000002%
Chromium (Cr)	0.000002%
Copper (Cu)	0.000002%
Iron (Fe)	0.00001%
Magnesium (Mg)	0.00001%
Manganese (Mn)	0.000002%
Nickel (Ni)	0.000002%
Lead (Pb)	0.00001%
Tin (Sn)	0.00001%
Zinc (Zn)	0.00001%
Water (By KF)	0.1%
Pentanoic aldehyde (GC)	0.05%
Sub.darkened by H ₂ SO ₄	Passes test
Residue on evaporation	0.005%

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



Product Specification

cdhfinechemical.com

<p>WARNING HAZARD STATEMENTS: May cause respiratory irritation. Flammable liquid and vapour. Harmful if inhaled Harmful if swallowed. Causes skin irritation Causes serious eye irritation. PRECAUTIONARY STATEMENTS : Prevention: Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only non-sparking tools. Ground/bond container and receiving equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep container tightly closed. Use only outdoors or in a well ventilated area. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Remove/Take off immediately all contaminated clothing Wash/Decontaminate removed clothing before reuse. Call a POISON CENTER or doctor/physician if you feel unwell.</p>	<p>IMDG Code : - 3/III UN No. : - 1105 IATA : - 3</p>
<p>Disposal: --</p>	
<p>Hazard Pictogram(s) :</p> <div style="display: flex; justify-content: center; gap: 20px;"><div style="text-align: center;"> GHS02</div><div style="text-align: center;"> GHS07</div></div>	

Replace Date-10-Jun.2020