



Product Specification

cdhfinechemical.com

CETYL ALCOHOL PURE

PRODUCT CODE	045855
SYNONYMS	(1-Hexadecanol)
C.I. NO.	--
CASR NO.	(36653-82-4)
ATOMIC OR MOLECULAR FORMULA	$\text{CH}_3(\text{CH}_2)_{15}\text{OH}$
ATOMIC OR MOLECULAR WEIGHT	242.45
PROPERTIES	Practically soluble in alcohol and ether; insoluble in water. Combustible.

PARAMETER	LIMIT
Description	White or almost white crystalline Powder, granules or flakes or pellets.
Solubility	2.5% soln. in 96% ethanol is clear and colourless to almost colourless.
Identification (By GC)	Conforms.
Minimum Assay (GC)	95.0%
Hydroxyl Value (mg KOH/g)	225 - 235
Melting range	46° - 52°C

MAXIMUM LIMIT OF IMPURITIES

Acid Value (mg KOH/g)	1.0
Iodine Value (g/ 100 g)	2.0
Saponification Value (mg KOH/g)	2.0
Other residual solvent	Meets the requirement.

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

WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : -- UN No. : -- IATA : --
---	--

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

Replace date 07-Oct-2025