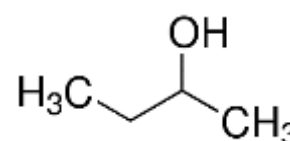


BUTAN-2-OL (IN-HOUSE GC STANDARD)

PRODUCT CODE	R06270
SYNONYMS	(Sec-Butyl Alcohol)
C.I. NO.	--
CASR NO.	(78-92-2)
ATOMIC OR MOLECULAR FORMULA	CH ₃ .CH ₂ .CHOH.CH ₃
ATOMIC OR MOLECULAR WEIGHT	74.12
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear colourless liquid NMT 10 Hazen units colour, with a characteristic odour.
Solubility	Miscible with alcohol forming clear & colourless solution.
Minimum assay (by GC)	99.5%
Identification (by IR)	Conform to Structure
Identification (by 1H NMR)	Conform to Structure
Identification (by GCMS)	Conform to Structure
Identification (by Mass)	Conform to Structure
Wt. per ml (at 20°C)	0.806-0.810
Refractive index (20°C; 589 nm)	1.3955 - 1.3985

MAXIMUM LIMIT OF IMPURITIES

Water (by KF)	0.2%
Residue on evaporation	0.001%

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

WARNING

HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

Response : If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. 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. Specific treatment: refer to Label or MSDS. 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. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

IMDG Code : 3/III
UN No. : 1120
IATA : 3

Hazard Pictogram(s) :



GHS02



GHS07