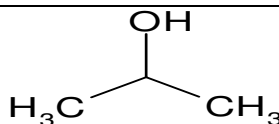




Product Specification

E Control	QC2\DATAD\D:\PS\20875XPS.xls
PRODUCT CODE	20875
PRODUCT NAME	PROPAN-2-OL DRY AR ($H_2O \leq 0.01\%$) (NOT FOR DIRECT MEDICINAL USE)
SYNONYMS	iso-propyl alcohol
C.I. NO.	N/A
CASR NO.	67-63-0
ATOMIC OR MOLECULAR FORMULA	C_3H_8O
ATOMIC OR MOLECULAR WEIGHT	60.1
PROPERTIES	



PARAMETER	
Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water & methanol forming clear and colourless solution
Minimum Assay (By GC)	99.5%
Wt.per ml at 20 °C	0.784 - 0.786 g
Boiling Range (81.5° - 82.5 °C)	Min. 95.0%
Refractive Index (n_D^{20})	1.377 - 1.378
MAXIMUM LIMIT OF IMPURITIES	
Water	0.01%
Acidity (C_2H_5COOH)	0.001%
Non volatile matter	0.002%
Aldehyde & Ketones ($CH_3)_2CO$	0.005%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Substances reducing permanganate [O]	0.0005%

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

DANGER

HAZARD STATEMENTS : May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness and dizziness. Highly flammable liquid and vapour. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

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

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IMDG Code : 3/II
UN No. : 1219
IATA : 3

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.

Hazard pictogram(s) :			
  			
Aspiration hazard Skin irritation Flammable liquids			
Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 28/08/2010
Date : 26/08/2010	Date : 26/08/2010	Date : 28/08/2010	AMEND NO. : P062