



E Control	QC2\DATAD\D:\PS\20815XPS.xls		
PRODUCT CODE	20815		
PRODUCT NAME	GLYCEROL ABT. 87% AR		
SYNONYMS	glycerine abt. 87%		
C.I. NO.	N/A		
CASR NO.	56-81-5		
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₈ O ₃		
ATOMIC OR MOLECULAR WEIGHT	92.09		
PROPERTIES	Hygroscopic, Combustible.		
HO-CH₂-CH(OH)-CH₂-OH			
PARAMETER	LIMIT		
Description	Clear & colourless viscous liquid.		
Solubility	Miscible with water.		
Identification	By FTIR Spectrum.		
Assay	86 - 88%		
Refractive Index (n) _D ^{20°}	About 1.454		
Wt. per ml at 20°C	1.221 - 1.231 g		
Substance discolored by H ₂ SO ₄	Passes test		
Water	12 - 14%		
MAXIMUM LIMIT OF IMPURITIES			
Free acid (as CH ₃ COOH)	0.002%		
Free alkali (as NH ₃)	0.0005%		
Chloride (Cl)	0.0001%		
Sulphate (SO ₄)	0.0005%		
Sulphated ash	0.005%		
Iron (Fe)	0.0001%		
Heavy Metals (Pb)	0.0001%		
Copper (Cu)	0.0001%		
Ammonium (NH ₄)	0.0005%		
Fatty acid esters (as glycerol butyrate)	0.05%		
Reducing substances (as glycerol dehyde)	0.003%		
Readily carbonisable substances	Passes test.		
Note(s) : Assay (if applicable) method mentioned.			
WARNING HAZARD STATEMENTS : May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation. PRECAUTIONARY STATEMENTS : Prevention : Wash hands thoroughly after handling. Response : If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.			IMDG Code : --- UN No. : --- IATA : ---
Disposal : ---			
Hazard pictogram(s) : ---			
Prepared By : DINESH Name/Dept. : Officer (Q.A.) Sign. :	Checked By: RAJU VYAS Name/Dept. :Incharge(Q.A.) Sign. :	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. :	Issue Date : 01/07/2002 Revision No. : 01 Revision dt. : 20/08/2010

Date : 18/08/2010	Date : 18/08/2010	Date : 20/08/2010	AMEND NO. : P062
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