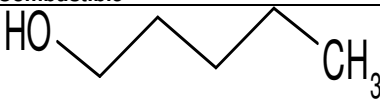




E Control	QC2\DATAD\D:\PS\20390XPS.xls
PRODUCT CODE	20390
PRODUCT NAME	PENTAN-1-OL AR
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	71-41-0
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₂ O
ATOMIC OR MOLECULAR WEIGHT	88.15
PROPERTIES	Combustible
	
PARAMETER	LIMIT
Description	Clear & colourless liquid.
Solubility	Miscible with methanol.
Identity (By FTIR)	Conform
Minimum assay (By GC)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Free acid (CH ₃ COOH)	0.005%
Aluminium (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%
Mangenes (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.

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.

IMDG Code : 3/III

UN No. : 1105

IATA : 3

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.

Disposal : 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) :



Skin irritation



Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 28/11/2002
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Sign. :	Sign. :	Sign. :	Revision dt. : 25/08/2010
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