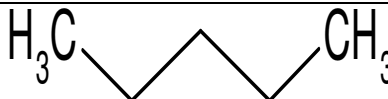




Product Specification

E Control	QC2\DATAD\DA\PS\20360XPS.xls
PRODUCT CODE	20360
PRODUCT NAME	N-PENTANE AR
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	109-66-0
ATOMIC OR MOLECULAR FORMULA	CH ₃ (CH ₂) ₃ CH ₃
ATOMIC OR MOLECULAR WEIGHT	72.15
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid with a characteristic odour, not more than 10 Hazen units in colour.
Solubility	Miscible with alcohol forming a clear colourless solution.
Minimum assay(By GC)	99.0%
Wt.per ml at 20 °C	0.625 - 0.626 g
Refractive Index (n) _D ²⁰	1.357 - 1.358
Bromine number	0.5
MAXIMUM LIMIT OF IMPURITIES	
Water	0.02%
Acidity (C ₄ H ₉ COOH)	0.001%
Non volatile matter	0.002%
Sulphur compounds (CS ₂)	0.0003%
Copper (Cu)	0.00002%
Iron (Fe)	0.00005%
Lead (Pb)	0.00002%
Substances darkened by sulphuric acid	Passes test.

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

DANGER HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if swallowed Toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Response : Specific treatment: refer to Label or MSDS. In case of fire, use foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Disposal : ---	IMDG Code : 3/II UN No. : 1265 IATA : 3
---	--

Hazard pictogram(s) :



Skin irritation Flammable liquids Hazardous to the aquatic environment

Prepared By : VINOD PATEL Name/Dept. : Officer (Q.A.)	Checked By: RAJU VYAS Name/Dept. :Incharge(Q.A.)	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.)	Issue Date : 01/07/2002 Revision No. : 01
--	---	---	--

Sign.	:		Sign.	:		Sign.	:		Revision dt.	:	23/08/2010
Date	:	20/08/2010	Date	:	20/08/2010	Date	:	23/08/2010	AMEND NO.	:	P062