



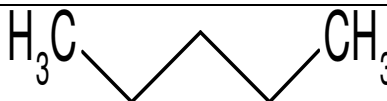
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\20884\XPS.xls
PRODUCT CODE	20884
PRODUCT NAME	N-PENTANE DRY AR ($H_2O \leq 0.01\%$)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	109-66-0
ATOMIC OR MOLECULAR FORMULA	C_5H_{12}
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	0.01%
Acidity (C_4H_9COOH)	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 : 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 : 3/1
UN No. : 1265
IATA : 3

Hazard pictogram(s) :



Skin irritation



Flammable liquids



Hazardous to the aquatic environment



Skin irritation Flammable liquids Hazardous to the aquatic environment

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