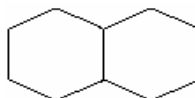




Product Specification

E Control	QC2\DATAD\DA\PS\38007XPS.xls
PRODUCT CODE	38007
PRODUCT NAME	DECAHYDRONAPHTHALENE (Mix cis+trans isomer) LR
SYNONYMS	Decaline
C.I. NO.	N/A
CASR NO.	91-17-8
ATOMIC OR MOLECULAR FORMULA	C ₁₀ H ₁₈
ATOMIC OR MOLECULAR WEIGHT	138.25
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	Clear, Colourless liquid. (< 10 APHA).
Solubility	5% Solution in ethanol is clear & colourless.
Identification (By FTIR)	Conforms
Minimum Assay (BY GC)	99.0% (cis+trans isomer)
Wt. per ml at 20°C	0.879 – 0.883 g
Refractive index (n) _D ²⁰	1.4730 – 1.4760
Water (by KF)	Max. 0.1%

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Toxic if inhaled. Harmful in contact with skin. May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Use only outdoors or in a well ventilated area. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves/clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection. Keep container tightly closed.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. In case of fire, use foam for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

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/III
UN No. : 1147
IATA : 3

Hazard pictogram(s) :



Flammable liquids Acute toxicity

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 13/03/2007
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 30/08/2010

Date : 27/08/2010	Date : 27/08/2010	Date : 30/08/2010	AMEND NO. : P062
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