



SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20178XPS.xls
PRODUCT CODE	22112
PRODUCT NAME	PETROLEUM ETHER 40-60°C FOR PESTICIDE RESIDUE TRACE ANALYSIS
SYNONYMS	Petroleum Benzine 40-60°C
C.I. NO.	N/A
CASR NO.	8032-32-4
ATOMIC OR MOLECULAR FORMULA	---
ATOMIC OR MOLECULAR WEIGHT	---
PROPERTIES	

PARAMETER	LIMIT
Description	A clear liquid, colour not more than 10 Hazen units, with a characteristic odour.
Solubility	Miscible with methanol, benzene, ether forming a clear & colourless solution.
Wt. per ml at 20 °C	0.640 - 0.650 g
Refractive Index (n) _D ²⁰	1.368
MAXIMUM LIMIT OF IMPURITIES	
Water	0.01%
Non volatile matter	0.0005%
Suitable for residue analysis	No impurities present which would show greater signals than 5 pg/ml lindane in the GC/ECD retention range of a-BHC to 4,4'-DDT
Aromatic content (as benzene)	0.05%

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

HAZARD DANGER STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes eye irritation. PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame. No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. If eye irritation persists, get medical advice/attention. 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/II UN No. : 1268 IATA : 3
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Hazard pictogram(s) :



Skin irritation Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 29/03/2008
Name/Dept. : Officer (Q.A.)	Name/Dept. : Incharge (Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
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