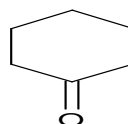




Product Specification

E Control	QC2\DATAD\DA\PS\37871\XPS.xls
PRODUCT CODE	37871
PRODUCT NAME	CYCLOHEXANONE LR (For synthesis)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	108-94-1
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₀ O
ATOMIC OR MOLECULAR WEIGHT	98.15
PROPERTIES	Combustible.



PARAMETER	LIMIT
Description	A clear, colourless liquid.
Solubility	More soluble with cold water, 15 gm in 100 ml at 10°C & 5 gm in 100 ml at 30°C. Soluble with ethanol and diethyl ether.
Minimum assay (By GC)	99.0%
Wt.per ml at 20°C	0.945 - 0.947 g
Refractive Index (n) _D ²⁰	1.450 - 1.451

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

WARNING

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

PRECAUTIONARY STATEMENTS :

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

Response : Wash contaminated clothing before reuse. If eye irritation persists, get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : Allow to evaporate in safe open area (applicable for small quantities). 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. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : ---
UN No. : ---
IATA : ---

Hazard pictogram(s) :



Skin irritation



Flammable liquids

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 18/08/2010
Date : 16/08/2010	Date : 16/08/2010	Date : 18/08/2010	AMEND NO. : P062