



CYCLOPENTANONE FOR SYNTHESIS

PRODUCT CODE	R09171
SYNONYMS	--
C.I. NO.	--
CASR NO.	(120-92-3)
ATOMIC OR MOLECULAR FORMULA	C₅H₈O
ATOMIC OR MOLECULAR WEIGHT	84.12
PROPERTIES	
PARAMETER	LIMIT
Description	Clear colourless to almost colourless liquid (20 APAH)
Solubility	5% Solution in ethanol is clear.
Minimum assay (By GC)	99.0%
Wt. per ml at 20 ^o C	0.947 – 0.949 g
Refractive index (n _D ²⁰)	1.434 – 1.438
Note(s): Assay (if applicable) method mentioned.	
WARNING	IMDG Code : 3/III
HAZARD STATEMENTS: May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.	UN No. 2245
PRECAUTIONARY STATEMENTS :	IATA 3
Prevention: Ground/bond container and receiving equipment. Use only non sparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.	
Response: If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.	
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.	
Hazard Pictogram(s) :	
GHS05 GHS07	

replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

 Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com
