

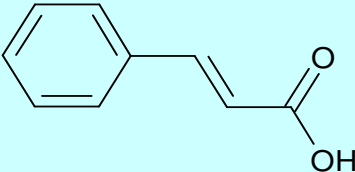


SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\20846XPS.xls		
PRODUCT CODE	20846		
PRODUCT NAME	CINNAMIC ACID AR Meets analytical specification of BP		
SYNONYMS	(3-Phenylacrylic acid)		
C.I. NO.	--		
CASR NO.	(140-10-3)		
ATOMIC OR MOLECULAR FORMULA	C ₉ H ₈ O ₂		
ATOMIC OR MOLECULAR WEIGHT	148.16		
PROPERTIES	Soluble in benzene, ether, acetone, glacial acetic acid, Insoluble in water. Congealing point 133°C. Combustible.		
			
PARAMETER	LIMIT		
Description	White colourless crystals / crystalline powder.		
Solubility	10% solution in methanol is clear and colourless.		
Identification	Passes test.		
Minimum Assay (HPLC)	99.50%		
Melting point	132 – 134 °C		
Sulphated ash	Max. 0.02%		
Loss on drying (at 60°C, 70 kpa)	Max.1.0%		
MAXIMUM LIMIT OF IMPURITIES			
Ethanol insoluble matter	Passes test.		
Chloride (Cl)	0.02%		
Sulphate (SO ₄)	0.05%		
Lead (Pb)	0.0005%		
Related substance	Passes test.		
Note(s) : Assay (if applicable) method mentioned.			
DANGER Hazard statements: May cause respiratory irritation. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Response: 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. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing.			IMDG Code : UN No. : IATA :
Disposal: Dispose of contents and container in accordance with relevant legislation.			
Hazard Pictogram(s) :  Acute toxicity			
Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 03
Sign. : Date : 01.04.2010	Sign. : Date : 01.04.2010	Sign. : Date : 02.04.2010	Revision dt. : 02.04.2010.
			AMEND NO. :1554

