



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\38313XPS.xls
PRODUCT CODE	38313
PRODUCT NAME	ETHYL ACRYLATE (STABILISED) (For Synthesis)
SYNONYMS	Acrylic acid ethyl ester
C.I. NO.	N/A
CASR NO.	140-88-5
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₈ O ₂
ATOMIC OR MOLECULAR WEIGHT	100.1
PROPERTIES	Easily polymerizes on standing, polymerization process speeded up by heat, light & peroxides.



PARAMETER	LIMIT
Description	A clear & colourless liquid.
Solubility	5% Solution in ethanol is clear & colourless.
Identification (By FTIR)	Passes test.
Minimum Assay (By GC)	99.0%
Wt. per ml at 20°C	0.921 – 0.922 g
Refractive index (n) _D ²⁰	About 1.4060

Stabilized with hydroquinone monomethyl ether

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

PRECAUTIONARY STATEMENTS

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

Response : Wash contaminated clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. Call a POISON CENTER or doctor/physician if you feel unwell. 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. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Remove/Take off immediately all contaminated clothing Wash/Decontaminate removed clothing before reuse.

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard pictogram(s) :



Skin irritation Flammable liquids Aspiration hazard



Skin irritation Flammable liquids Aspiration hazard

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 11/05/2005
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 07/08/2010
Date : 05/08/2010	Date : 05/08/2010	Date : 07/08/2010	AMEND NO. : P062