

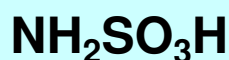


SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Qu Product Specification

E Control	QC2\DATAD\DA\PS\40307XPS.xls
PRODUCT CODE	20410
PRODUCT NAME	SULPHAMIC ACID AR,ACS
SYNONYMS	(Amidosulphonic acid)
C.I. NO.	--
CASR NO.	(5329-14-6)
ATOMIC OR MOLECULAR FORMULA	NH ₂ SO ₃ H
ATOMIC OR MOLECULAR WEIGHT	97.09
PROPERTIES	Non-volatile ; non-hygroscopic. Combustible



PARAMETER	LIMIT
Description	White to off-white crystals, crystalline powder / fine powder.
Solubility	5% solution in water is clear and almost colourless.
Identification (FTIR)	Conforms.
Assay (Acidimetric on dried subs.)	99.3 - 100.3%
Residue on ignition	Max. 0.01%
MAXIMUM LIMIT OF IMPURITIES	
Water insoluble matter	0.01%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.05%
Calcium (Ca)	0.001%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%

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

WARNING

Hazard statements : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response : If eye irritation persists, get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. 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. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage.

IMDG Code : 8/III
UN No. : 2967
IATA : 8

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Corrosive to metals

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. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

