



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control		QC2\DATAD\D:\PS\20440XPS.xls
PRODUCT CODE		20440
PRODUCT NAME		AMMONIA SOLN. ABT. 30% AR (SP.GR. 0.89)
SYNONYMS		N/A
C.I. NO.		N/A
CASR NO.		1336-21-6
ATOMIC OR MOLECULAR FORMULA		NH ₃
ATOMIC OR MOLECULAR WEIGHT		17.03
PROPERTIES		
NH ₃		
PARAMETER		LIMIT
Description		Clear & colourless liquid with pungent odour.
Solubility		Miscible with water.
Assay		28 - 30%
Wt. per ml at 20 °C		Abt. 0.89 g
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition (as sulphate)		0.002%
Pyridine & homologues (C ₅ H ₅ N)		0.0002%
Carbonate (CO ₃)		0.002%
Chloride (Cl)		0.00005%
Phosphate (PO ₄)		0.00005%
Sulphate (SO ₄)		0.0002%
Sulphide (S)		0.00001%
Aluminium (Al)		0.00002%
Barium (Ba)		0.00001%
Cadmium (Cd)		0.00001%
Chromium (Cr)		0.000002%
Calcium (Ca)		0.0001%
Cobalt (Co)		0.000002%
Copper (Cu)		0.000005%
Iron (Fe)		0.00002%
Lead (Pb)		0.000005%
Magnesium (Mg)		0.00001%
Manganese (Mn)		0.000002%
Molybdenum (Mo)		0.000002%
Nickel (Ni)		0.000002%
Potassium (K)		0.0001%
Sodium (Na)		0.0005%
Strontium (Sr)		0.000002%
Zinc (Zn)		0.00002%
Oxygen absorbed (O)		0.0008%
Note(s) : Assay (if applicable) method mentioned.		
DANGER HAZARD STATEMENTS : Fatal if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life.		IMDG Code : 8/III UN No. : 2672 IATA : 8

PRECAUTIONARY STATEMENTS :

Prevention : Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: 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. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent (see MSDS). Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage.

Disposal : The chemical is disposed off by its slow addition to an excess of water. The final concentration should not be greater than 2%. Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water.

Hazard pictogram(s) :



Acute toxicity

Corrosive to metals

Hazardous to the aquatic environment

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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