



SDFCL
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\37140\XPS.xls
PRODUCT CODE	37140
PRODUCT NAME	AMMONIA SOLUTION ABT. 25% EP (SP.GR. 0.91)
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	

NH₃

PARAMETER	LIMIT
Description	A clear & colourless liquid with a pungent odour.
Solubility	Miscible with water.
Assay (NH ₃)	25 - 28%
Wt. per ml at 20°C	~0.91 g
MAXIMUM LIMIT OF IMPURITIES	
Residue on ignition (as Sulphate)	0.003%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.002%
Arsenic (As)	0.00002%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%

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.

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.

IMDG Code : 8/III
UN No. : 2672
IATA : 8

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
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
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Date : 21/08/2010	Date : 21/08/2010	Date : 23/08/2010	AMEND NO. : P062
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