



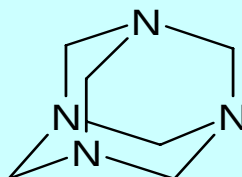
SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Q1 Product Specification

E Control	QC2\DATAD\ID:\PSI\20353XPS.xls
PRODUCT CODE	20353
PRODUCT NAME	HEXAMINE AR, ACS
SYNONYMS	(Methenamine; Hexamethylenetetramine; HMTA)
C.I. NO.	--
CASR NO.	(100-97-0)
ATOMIC OR MOLECULAR FORMULA	(CH ₂) ₆ N ₄
ATOMIC OR MOLECULAR WEIGHT	140.19
PROPERTIES	--



PARAMETER	LIMIT
Description	A white crystals / crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification (By FTIR)	Conforms.
Minimum Assay (Acidimetric; on dried subs.)	99.5%
pH of (10% Soln. in water)	8.5 - 9.5
Residue on ignition	Max. 0.01%
Loss on drying (RT/4 hrs)	Max. 2.0%
MAXIMUM LIMIT OF IMPURITIES	
Ammonium (NH ₄)	0.01%
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.005%
Heavy metals (as Pb)	0.001%

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

DANGER Hazard statements: Flammable solid. Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction Precautionary statements Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/ vapours/spray. In case of inadequate ventilation wear respiratory protection. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Response: 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. Wash contaminated clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water.	IMDG Code :4.1/III UN No. :1328 IATA :4.1
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Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Flammable



Skin irritation



Aspiration hazard

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.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 27.3.2015
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