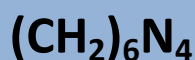




## Product Specification

### HEXAMINE AR/ACS

<b>PRODUCT CODE</b>	<b>542535</b>
<b>SYNONYMS</b>	(Methenamine; Hexamethylenetetramine; HMTA)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(100-97-0)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$(\text{CH}_2)_6\text{N}_4$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	140.19
<b>PROPERTIES</b>	---



PARAMETER	LIMIT
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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

#### MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.01%
Loss on drying (RT/4 hrs)	2.0%
Ammonium ( $\text{NH}_4$ )	0.01%
Chloride ( $\text{Cl}$ )	0.002%
Sulphate ( $\text{SO}_4$ )	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.

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

IMDG Code : 4.1  
UN No. : 1328  
IATA : 4.1

Hazard pictogram(s) :



Skin irritation



Flammable liquids



Aspiration hazard