




Quality Control Dept.

Product Specification

Product	: Ammonia Solution – AR
CASR No.	: 1336-21-6
Molecular Formula	: NH ₃
Molecular Weight	: 17.03 g/mol
Parameter	Limit
Description	: A clear colorless liquid with pungent odour.
Assay	: 25.0 %
Relative Density	: Abt. 0.91
	Maximum Limits of Impurities
Chloride (Cl)	: 0.5 ppm
Sulphates (SO₄)	: 3 ppm
Iron (Fe)	: 0.5 ppm
Hazard Statement	: Fatal if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.
Prevention	: Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash thoroughly after handling.
Response	: Wash contaminated 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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician.
Hazard Pictograms	: <div style="display: flex; justify-content: space-around; align-items: center; text-align: center;"> <div style="border: 2px solid red; padding: 5px;">  Acute toxicity </div> <div style="border: 2px solid red; padding: 5px;">  Corrosive to metals </div> <div style="border: 2px solid red; padding: 5px;">  Hazardous to the aquatic environment </div> </div>
IMDG Code	: 8/II
UN No.	: 2672
IATA	: 8