



## Product Specification

### HYDRAZINE SULPHATE AR/ACS

PRODUCT CODE	R01812
SYNONYMS	-
C.I. NO.	-
CASR NO.	(10034-93-2)
ATOMIC MOLECULAR FORMULA	NH <sub>2</sub> NH <sub>2</sub> .H <sub>2</sub> SO <sub>4</sub>
ATOMIC MOLECULAR WEIGHT	130.12
PROPERTIES	Insoluble in alcohol, stable in storage and strong reducing agent.

### NH<sub>2</sub>NH<sub>2</sub>.H<sub>2</sub>SO<sub>4</sub>

PARAMETER	LIMIT
Description	Colourless/almost colourless or white or almost white crystals/crystalline powder.
Solubility	7.5% solution in hot water is clear and colourless/almost colourless.
Minimum Assay (By Iodometric)	99.0%

#### MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.05%
Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Arsenic (As)	0.0001%
Heavy metals (as Pb)	0.001%

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

#### DANGER

**Hazard statements:** Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. May cause allergic or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May cause CANCER. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing 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. Contaminated work clothes should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN contact with water for several minutes. Remove contact lenses, if present and easy to do. Continue concerned: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell, irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash before reuse. Absorb spillage to prevent material damage. Collect spillage.

**Disposal:** The waste chemical should be buried on a stage approved site. The liquid should be absorbed on sand. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code:

UN No. :

IATA :

Hazard Pictogram(s):



Replace Date 1 April 2023

**: Regd Office, 201, MM Nagar, Ahmedabad (Gujarat)**  
 Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

