



SILVER SULPHATE AR/ACS

PRODUCT CODE	641035
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10294-26-5)
ATOMIC OR MOLECULAR FORMULA	Ag ₂ SO ₄
ATOMIC OR MOLECULAR WEIGHT	311.79
PROPERTIES	Soluble in ammonium hydroxide, nitric acid, sulphuric acid, hot water; insoluble in alcohol.
PARAMETER	LIMIT
Description	White crystalline powder, darkening on exposure to light.
Solubility	1% solution in boiling water is clear and colourless.
Minimum Assay (Argentometric)	99.0%
pH of (0.5% solution in water)	Not less than 5.0
MAXIMUM LIMIT OF IMPURITIES	
Insoluble Matter and silver chloride	0.02%
Chloride (Cl)	0.01%
Nitrate (NO ₃)	0.001%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.0005%
Sub not ppt by HCl.	0.03%
Note(s) : Assay (if applicable) method mentioned.	
WARNING HAZARD STATEMENTS : May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction. PRECAUTIONARY STATEMENTS : Prevention : Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling . Response : If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) : <div style="display: flex; justify-content: center; gap: 20px;">   </div> <div style="display: flex; justify-content: center; gap: 20px;"> GHS05 GHS09 </div>	

Replace Date 04-OCT-2025