



Product Specification

SILVER NITRATE

PRODUCT CODE	030087
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7761-88-8)
ATOMIC OR MOLECULAR FORMULA	Ag NO ₃
ATOMIC OR MOLECULAR WEIGHT	169.87
PROPERTIES	Soluble in cold water, more soluble in hot water, glycerol and hot alcohol ; slightly soluble in ether. Light sensitive

Ag NO₃

PARAMETER	LIMIT
Description	Colourless crystals/crystalline powder darkening on exposure to light.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Argentometric ex Ag)	99.8%
MAXIMUM LIMIT OF IMPURITY	
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.02%

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

DANGER

Hazard statements : May intensify fire; oxidizer. Fatal if swallowed..Harmful if inhaled.Causes severe skin burns and eye damage.Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : Do not eat, drink or smoke when using this product.Do not breathe dust or mist.Wash hands thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Avoid breathing dust/fume/gas/mist /vapours/spray. Use only outdoors or in a well ventilated area. Keep away from heat.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. 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. Specific treatment: refer to Label or MSDS.IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.If on skin or hair:remove/ take off immediately all contaminated clothing.Rinse with water/shower.

Disposal: This chemical can be disposed off as normal industrial waste. Return the chemical to the supplier.

IMDG Code : 5.1/II

UN No. : 1493

IATA : 5.1

Hazard Pictogram(s) :



Oxidising



Acute toxicity



Corrosive to metals



Aquatic environment