



Product Specification

cdhfinechemical.com

SILVER OXIDE PURIFIED

PRODUCT CODE	030090
SYNONYMS	--
C.I. NO.	--
CASR NO.	(20667-12-3)
ATOMIC OR MOLECULAR FORMULA	Ag ₂ O
ATOMIC OR MOLECULAR WEIGHT	231.74



PROPERTIES
Soluble in ammonium hydroxide, potassium cyanide solution, nitric acid and sodium Thiosulphate solution, slightly soluble in water, insoluble in alcohol.

PARAMETER LIMIT

Description	Heavy brownish black powder.
Solubility	Soluble in dilute nitric acid.
Minimum Assay (ex Ag, Argentometric)	98.0%

MAXIMUM LIMIT OF IMPURITIES

Alkalinity	5 ml N/1%
Nitrate (NO ₃)	0.05%

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

DANGER

Hazard statements : May intensify fire; oxidizer. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary statements

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/ eye protection/face protection.

Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor / physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal: Return the chemical to the supplier. The chemical is retained for recovery.

IMDG Code : 5.1/1
UN No. : 1479
IATA : 5.1

Hazard Pictogram(s) :-



GHS03



GHS05



GHS09

Replace Date 05-June-2026