



Product Specification

OSMIC ACID AR

PRODUCT CODE	597600
SYNONYMS	(Osmium tetroxide)
C.I. NO.	--
CASR NO.	(20816-12-0)
ATOMIC OR MOLECULAR FORMULA	OsO ₄
ATOMIC OR MOLECULAR WEIGHT	254.20
PROPERTIES	Vapor poisonous. Soluble in alcohol, ammonium hydroxide, benzene. Light sensitive.



PARAMETER	LIMIT
Description	Yellow to yellow green crystals.(light sensitive)
Minimum Assay (Iodometric)	99.9%

MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.05%
Ruthenium (Ru)	0.0025%

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

DANGER

Hazard statements : Fatal in contact with skin.Fatal if swallowed. Fatal if inhaled. Causes severe skin burns and eye damage

Precautionary statements

Prevention : Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. 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: Gently wash with plenty of soap and water. 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. Specific treatment is urgent (see MSDS).Rinse mouth. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

Disposal : Product is treated with calcium hydroxide powder or milk of lime to precipitate calcium fluoride with filtered , dried and to be given to the disposal company.

Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals

IMDG Code :
UN No. :
IATA :