



Product Specification

IODINE RESUBLIMED AR

PRODUCT CODE	545255
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7553-56-2)
ATOMIC OR MOLECULAR FORMULA	I ₂
ATOMIC OR MOLECULAR WEIGHT	253.81
PROPERTIES	Readily sublimed having a violet vapour, soluble in alcohol, chloroform, ether, insoluble in water; a semiconductor.



PARAMETER	LIMIT
Description	Greyish violet brittle plates /scales/small crystals/granules with metallic sheen.
Solubility (Take 2.5 gm sample + 5 gm KI + 5 gm Na ₂ S ₂ O ₃ in 85 ml of water)	A clear colourless solution is obtained.
Identification	Passes test.
Minimum Assay (oxidimetric)	99.8%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	Passes test.
Non volatile matter	0.01%
Chloride & Bromide (Cl)	0.005%

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

Hazard statements: May intensify fire; oxidizer. Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life

Precautionary statements

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

Response : Immediately call a POISON CENTER or doctor/physician. 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. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Absorb spillage to prevent material damage. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

Disposal : - Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1/I
UN No. : 3290
IATA : 6.1

Hazard Pictogram(s) :



Oxidising



Corrosive to metals



Aquatic environment