

CDH

Product Specification

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IODINE RESUBLIMED

PRODUCT CODE	**H28325**
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.**

I_2

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 $Na_2S_2O_3$ in 85 ml of water)	A clear colourless solution is obtained.
Minimum Assay (oxidimetric)	99.8%

MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.05%
Chloride & Bromide (as Cl)	0.025%

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

DANGER

Hazard statements : Harmful if swallowed. Harmful if inhaled. May cause allergic orasthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.May cause genetic defects. May cause cancer by inhalation. May damage the unbornchild. Causes damage to organs through prolonged or repeated exposure byinhalation.. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safetyprecautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/ vapours/spray. Wash thoroughlyafter handling. Do not eat, drink or smoke when using this product. Use only outdoorsor in a well-ventilated area. Contaminated work clothing should not be allowed out ofthe workplace. Avoid release to the environment. Wear protective gloves/protectiveclothing/ eye rotection/face protection. Use personal protectiveequipment as required. In case of inadequate ventilation wear respiratory protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable forbreathing. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician ifyou feel unwell. Get medical advice/attention if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Getmedical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Washcontaminated clothing before reuse. Collect spillage.

IMDG Code : 8/III

UN No. : 3495

IATA : 8

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :-



GHS07 GHS08 GHS09