



## **Product Specification**

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Hazard statements :Not hazardous. No hazards.  Precautionary statements  Prevention:	PRODUCT CODE	614465	
ATOMIC OR MOLECULAR FORMULA ATOMIC OR MOLECULAR WEIGHT ATOMIC OR MOLECULAR WEIGHT 166.00 PROPERTIES On long exposure to air becomes yellow due to liberation of iodine.  PARAMETER LIMIT  Colourless or white crystals or crystalline powder or granules. Solubility dentification Passes test. Winimum Assay (oxidimetric; after drying) 99.0-102.0% Oh (5% in water at 25°C) 6.0-9.2  MAXIMUM LIMIT OF IMPURITIES Loss on drying (150°C at 6hr) 0.05% Assiduble matter 0.005% Chloride & bromide (CI) 0.01% Chloride & bromide (CI) 0.01% Chloride & bromide (CI) 0.005% Calcium (Ca) 0.002% Calcium (Ca) 0.002% Calcium (Ca) 0.003% Oron (Fe) 0.0003% Heavy metals (as Pb) 0.0005% Magnesium (Mg) 0.001% Sodium (Na) 0.005% Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards. Prevention: Response:  Response:  Response:  Response:  MIDG Code: UN No. : ATA : A	SYNONYMS		
ATOMIC OR MOLECULAR FORMULA ATOMIC OR MOLECULAR WEIGHT 166.00 On long exposure to air becomes yellow due to liberation of iodine.  PARAMETER  LIMIT  Colourless or white crystals or crystalline powder or granules. Solubility In the colour of	C.I. NO.	-	
ATOMIC OR MOLECULAR WEIGHT PROPERTIES On long exposure to air becomes yellow due to liberation of lodine.  PARAMETER Description Colourless or white crystals or crystalline powder or granules.  Solubility 10% Solution in water is clear & colourless.  Identification Passes test. 99.0-102.0% pht (5% in water at 25°C) 6.0-9.2  MAXIMUM LIMIT OF IMPURITES Loss on drying (150°C at 6hr) 0.05% Chloride & bromide (Cl) 0.01% Phosphate (PO <sub>4</sub> ) 0.005% Sulphate (SO <sub>4</sub> ) 0.005% Sulphate (SO <sub>4</sub> ) 0.002% Calcium (Ga) 0.002% Calcium (Ga) 0.002% Calcium (Ga) 0.003% Heavy metals (as Pb) 0.0003% Magnesium (Mg) 0.001% Sodium (Na) 0.005% Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards. Preceutionary statements Preceutionary statements Prevention: Response:  Response:	CASR NO.	(7681-11-0)	
PROPERTIES  On long exposure to air becomes yellow due to liberation of iodine.  PARAMETER  LIMIT  Description  Colourless or white crystals or crystalline powder or granules.  Solubility  10% Solution in water is clear & colourless.  Minimum Assay (oxidimetric; after drying)  99.0-102.0%  Minimum Assay (oxidimetric; after drying)  99.0-102.0%  6.0-9.2  MAXIMUM LIMIT OF IMPURITIES  Loss on drying (150°C at 6hr)  0.05%  Chloride & bromide (CI)  0.01%  Phosphate (PO <sub>4</sub> )  0.001%  Sulphate (SO <sub>4</sub> )  Barium (Ba)  Calcium (Ca)  10002%  10date (IO <sub>3</sub> )  10ron (Fe)  0.0003%  Heavy metals (as Pb)  0.0003%  Magnesium (Mg)  0.001%  Sodium (Na)  Note(s): Assay (if applicable) method mentioned.  WARNING  Hazard statements: Not hazardous. No hazards. Precautionary statements  Prevention: ————————————————————————————————————	ATOMIC OR MOLECULAR FORMULA		
parameter    Description   Colourless or white crystals or crystalline powder or granules.	ATOMIC OR MOLECULAR WEIGHT	166.00	KI
Description Colourless or white crystals or crystalline powder or granules.  Solubility 10% Solution in water is clear & colourless.  Identification Passes test.  Minimum Assay (oxidimetric; after drying) 99.0-102.0% pbf (5% in water at 25°C) 6.0-9.2  MAXIMUM LIMIT OF IMPURITIES  Loss on drying (150°C at 6hr) 0.05% Insoluble matter Chloride & bromide (CI) 0.01% Phosphate (PO4) 0.001% Sulphate (SO4) 0.002% Calcium (Ca) 0.002% Calcium (Ca) 0.002% Iron (Fe) 0.0003% Iron (Fe) 0.0003% Magnesium (Mg) 0.001% Soldium (Na) Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards. Prevention: Prevention: Response:  Response:	PROPERTIES		
Solution	PARAMETER		
Minimum Assay (oxidimetric; after drying)   99.0-102.0%   6.0-9.2	Description	Colourless or white crystals or crystalline powder or granule	S.
Minimum Assay (oxidimetric; after drying) 99.0-102.0% 6.0-9.2    MAXIMUM LIMIT OF IMPURITIES	Solubility	10% Solution in water is clear & colourless.	
## (5% in water at 25°C)	Identification	Passes test.	
MAXIMUM LIMIT OF IMPURITIES  Loss on drying ( 150°C at 6hr)		99.0-102.0%	
Loss on drying ( 150°C at 6hr)		6.0-9.2	
Insoluble matter	MAXIMUM LIMIT OF IMPURITIES		
Chloride & bromide (CI)			
Phosphate (PO <sub>4</sub> ) 0.001%  Sulphate (SO <sub>4</sub> ) 0.005%  Barium (Ba) 0.002%  Calcium (Ca) 0.002%  Idodate (IO <sub>3</sub> ) 0.0003%  Iron (Fe) 0.0003%  Heavy metals (as Pb) 0.0005%  Magnesium (Mg) 0.001%  Sodium (Na) 0.005%  Note(s): Assay (if applicable) method mentioned.  WARNING  Hazard statements :Not hazardous. No hazards.  Prevention:			
Sulphate (SO <sub>4</sub> ) 0.005% Barium (Ba) 0.002% Calcium (Ca) 0.002% Iodate (IO <sub>3</sub> ) 0.0003% Iron (Fe) 0.0003% Heavy metals (as Pb) 0.0005% Magnesium (Mg) 0.001% Sodium (Na) 0.005%  Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention:			
Barium (Ba) 0.002% Calcium (Ca) 0.002% Iodate (IO <sub>3</sub> ) 0.0003% Iron (Fe) 0.0003% Heavy metals (as Pb) 0.0005% Magnesium (Mg) 0.001% Sodium (Na) 0.005%  Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements :Not hazardous. No hazards. Precautionary statements Prevention:			
Calcium (Ca)       0.002%         Iodate (IO <sub>3</sub> )       0.0003%         Iron (Fe)       0.0003%         Heavy metals (as Pb)       0.0005%         Magnesium (Mg)       0.001%         Sodium (Na)       0.005%         Note(s): Assay (if applicable) method mentioned.         WARNING         Hazard statements :Not hazardous. No hazards.       UN No. :         Precautionary statements       IATA :         Prevention:			
Iron (Fe)	• •		
Heavy metals (as Pb)  O.0005%  Magnesium (Mg) O.001%  Sodium (Na)  Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards.  Precautionary statements  Prevention:	odate (IO <sub>3</sub> )	0.0003%	
Magnesium (Mg) 0.001% Sodium (Na) 0.005%  Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards.  Precautionary statements Prevention:	Iron (Fe)	0.0003%	
Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards.  Precautionary statements Prevention:	Heavy metals (as Pb)	0.0005%	
Sodium (Na)  Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards.  Precautionary statements Prevention:	Magnesium (Mg)	0.001%	
Note(s): Assay (if applicable) method mentioned.  WARNING Hazard statements: Not hazardous. No hazards.  Precautionary statements Prevention:		0.005%	
Hazard statements: Not hazardous. No hazards. UN No. :		d.	
Precautionary statements Prevention:	WARNING		IMDG Code :
Prevention:			
Response:	•		IATA :
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Replace date 07-Nov-2025