



Product Specification

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SODIUM CHROMATE TETRAHYDRATE

PRODUCT CODE	219145
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10034-82-9)
ATOMIC OR MOLECULAR FORMULA	$\text{Na}_2\text{CrO}_4 \cdot 4\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	234.03
PROPERTIES	--



PARAMETER	LIMIT
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Description	Lemmon yellow crystals/crystalline powder.
Solubility	10% solution in water is clear and bright.
Assay (Iodometric)	99.0–102.0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.2%
Iron (Fe)	0.005%
Copper (Cu)	0.005%

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

DANGER

Hazard statements : Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May cause genetic defects. May cause CANCER. May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure by inhalation. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention : Wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours /spray. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Wear protective gloves/clothing. Do not breathe dust/fume/gas/mist/ vapours /spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated clothing should not be allowed out of the workplace. Wash thoroughly after handling. Do not breathe dust or mist. In case of inadequate ventilation wear case of inadequate ventilation wear respiratory protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: 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. Wash contaminated clothing before reuse. If on skin or hair: remove / take off immediately all contaminated clothing. Rinse with water/shower. Get medical advice/attention if you feel unwell. If exposed or concerned:

Get medical attention advice. If skin

irritation or rash occurs, seek medical advice/attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/ physician. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and kee pat rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Keep container tightly closed.

IMDG Code : 9/III
UN No. : 3077
IATA : 9

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



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Hazard Pictogram(s) :



GHS05



GHS06



GHS08



GHS09

Replace date 30-May-2023