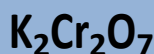




Product Specification

POTASSIUM DICHROMATE PURE

PRODUCT CODE	029605
SYNONYMS	(Potassium bichromate)
C.I. NO.	--
CASR NO.	(7778-50-9)
ATOMIC OR MOLECULAR FORMULA	$K_2Cr_2O_7$
ATOMIC OR MOLECULAR WEIGHT	294.18
PROPERTIES	A corrosive poison.



PARAMETER	LIMIT
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Description	Orange-red crystals / crystalline powder.
Solubility	5% solution in water is clear to slightly hazy.
Minimum Assay(Iodometric)	99.5%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.5%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.01%

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

DANGER

Hazard statements : May intensify fire; oxidizer. Fatal if swallowed. Toxic if inhaled. 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: 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 respiratory protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: Wash contaminated clothing before reuse. 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. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/ attention if you feel unwell. If exposed or concerned: Get medical attention advice. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/ shower. 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. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. Keep container tightly closed. IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician.

IMDG Code : 6.1/III

UN No. : 3288

IATA : 6.1

Disposal: 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) :



Oxidising



Acute toxicity



Aspiration hazard



Corrosive to metals



Aquatic environment