



Product Specification

cdhfinechemical.com

MERCURIC OXIDE RED

PRODUCT CODE	029168	
SYNONYMS	[Mercury (II) oxide red]	
C.I. NO.	--	
CASR NO.	(21908-53-2)	
ATOMIC OR MOLECULAR FORMULA	HgO	HgO
ATOMIC OR MOLECULAR WEIGHT	216.59	
PROPERTIES	Decomposes on exposure to light into mercury and oxygen. Practically insoluble in water.	
PARAMETER	LIMIT	
Description	Red to orange red heavy powder.	
Solubility	Soluble in dilute hydrochloric acid.	
Minimum Assay (Argentometric; ex Hg)	99.0%	
MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)	0.2%	
Calcium (Ca)	0.05%	
Magnesium (Mg)	0.05%	

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

DANGER

Hazard statements: Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. Causes eye irritation. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention: Do not breathe dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Wear respiratory protection. Wear protective gloves/clothing. Do not get in eyes, on skin or on clothing. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. Keep container tightly closed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. Remove/Take off immediately all contaminated clothing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company. The chemical waste should be collected by specialized disposal company.

IMDG Code : 6.1/II

UN No. : 1641

IATA : 6.1



GHS06



GHS08

Replace date 29-June-2023