



# Product Specification

cdhfinechemical.com

## MERCURIC OXIDE YELLOW

PRODUCT CODE	148705
SYNONYMS	[Mercury (II) oxide yellow]
C.I. NO.	--
CASR NO.	(21908-53-2)
ATOMIC OR MOLECULAR FORMULA	HgO
ATOMIC OR MOLECULAR WEIGHT	216.59
PROPERTIES	Decomposes on exposure to light into mercury and oxygen. Practically insoluble in water.
PARAMETER	LIMIT
Description	Yellow or yellow orange microcrystalline powder, turning red on heating and reverting to yellow on cooling.
Solubility	10% solution in hot dilute HCl is clear.
Minimum Assay (Argentometric; ex Hg)	99.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Chloride (Cl)	0.2%
Calcium (Ca)	0.05%
Magnesium (Mg)	0.05%

# HgO

Note(s) : 1] 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 contam 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:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1/II  
UN No. : 1641  
IATA : 6.1



GHS06



GHS08

Replace date 29-May-2023