



Product Specification

cdhfinechemical.com

BARIUM PEROXIDE

PRODUCT CODE	020740	
SYNONYMS	(Barium dioxide)	
C.I. NO.	--	
CASR NO.	(1304-29-6)	
ATOMIC OR MOLECULAR FORMULA	BaO ₂	⁻ O-C ⁻
ATOMIC OR MOLECULAR WEIGHT	169.34	Ba ²⁺
PROPERTIES	Slightly soluble in water.	

PARAMETER	LIMIT
Description	White to grey / light tan powder.
Identification	Conforms.
Minimum assay(Iodometric, on dried basis)	90.0%

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying(at 105°C)	0.5%
Sub. insoluble in dil. HCl	1.5%
Chloride (Cl)	0.05%
Iron (Fe)	0.01%
Heavy Metals (as Pb)	0.01%

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

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire;oxidizer. Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Take any precaution to avoid mixing withcombustible or incompatible materials. Keep away from heat.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. Wear eye/face protection. Call a POISON CENTER or doctor/ physician if you feel unwell. If skin irritation occurs, seek medical advice/attention.

Disposal: Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1(5.1)/11
UN No. : 1449
IATA : 6.1(5.1)

Hazard Pictogram(s) :



GHS03



GHS07

Replace Date 08-Dec.-2018