



Product Specification

cdhfinechemical.com

LEAD DIOXIDE

PRODUCT CODE	029029
SYNONYMS	(Lead peroxide, Lead (IV) oxide)
C.I. NO.	--
CASR NO.	(1309-60-0)
ATOMIC OR MOLECULAR FORMULA	PbO ₂
ATOMIC OR MOLECULAR WEIGHT	239.20
PROPERTIES	An oxidizing agent, insoluble in water.

PbO₂

PARAMETER	LIMIT
Description	A dark brown or nearly black amorphous powder.
Solubility	Soluble in dilute nitric acid and in presence of hydrogen peroxide.
Minimum Assay (Oxidimetric)	94.0%

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.2%
Nitrate (NO ₃)	0.05%
Sulphate (SO ₄)	0.05%

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. May damage the unborn child. Suspected of damaging fertility. May causedamage to organs through prolonged or repeated exposure. Very toxic to aquatic lifewith long lasting effects Precautionary statements Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke whenusing this product. Avoid breathing dust/fume/gas/mist/ vapours/spray. Use onlyoutdoors or in a well ventilated area. Do not breathedust/fume/gas/mist/vapours/spray. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Keep away from heat. Obtain specialinstructions before use. Take any precaution to avoid mixing with combustible orincompatible materials. Response : If exposed or concerned: Get medical attention advice. IF IN EYES: Rinsecautiously with water for several minutes. Remove contact lenses, if present and easy todo. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. Get medical advice/attention if you feel unwell. Call aPOISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to freshair and keep at rest in a position comfortable for breathing.	IMDG Code : 5.1/III UN No. : 1872 IATA : 5.1
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS03



GHS07



GHS08



GHS09

Replace date 25-July-2026