

LEAD DIOXIDE AR

PRODUCT CODE	561675	
SYNONYMS	(Lead peroxide, Lead IV oxide)	
C.I. NO.	--	
CASR NO.	(1309-60-0)	
ATOMIC OR MOLECULAR FORMULA	PbO ₂	PbO₂
ATOMIC OR MOLECULAR WEIGHT	239.2	
PROPERTIES	An oxidizing agent, insoluble in water.	
PARAMETER	LIMIT	
Description	A Dark brown or nearly black amorphous powder.	
Solubility	Soluble in dil.HNO ₃ in presence of H ₂ O ₂ .	
Minimum Assay (Oxidimetric)	97.0%	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter in Dil. HNO ₃	0.2%	
Chloride (Cl)	0.003%	
Total Nitrogen compound (N)	0.005%	
Sulphate (SO ₄)	0.05%	
Copper (Cu)	0.05%	
Iron (Fe)	0.02%	
Manganese (Mn)	0.0005%	
Substances not ppted by H ₂ S (as sulphate)	0.5%	
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 eyeirritation. 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 breathe dust/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. Disposal: Disposeof contents and container in accordance with relevant legislation.		IMDG Code : 5.1/III UN No. : 1872 IATA : 5.1
Hazard Pictogram(s) :--		
    GHS03 GHS07 GHS08 GHS09		

Replace Date 25-July-2026