



SDFCL
S d FINE-CHEM LIMITED

Quality Control Dept.



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Product Specification

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PRODUCT CODE	20144
PRODUCT NAME	LEAD DIOXIDE AR
SYNONYMS	(Lead peroxide)
C.I. NO.	--
CASR NO.	(1309-60-0)
ATOMIC OR MOLECULAR FORMULA	PbO ₂
ATOMIC OR MOLECULAR WEIGHT	239.2
PROPERTIES	An oxidising agent, insoluble in water.

PbO₂

PARAMETER	LIMIT
Description	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	0.05%
Chloride (Cl)	0.003%
Total Nitrogen compound (N)	0.005%
Sulphate (SO ₄)	0.003%
Copper (Cu)	0.001%
Iron (Fe)	0.02%
Manganese (Mn)	0.0002%
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 eye irritation. May damage the unborn child. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/ vapours/spray. Use only outdoors 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 special instructions before use. Take any precaution to avoid mixing with combustible or incompatible materials.

Response : If exposed or concerned : Get medical attention advice. 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. 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 a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IMDG Code : 5.1/III

UN No. : 1872

IATA : 5.1

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

Hazard Pictogram





Skin irritation



Oxidising



Aspiration hazard



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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