



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\36127XPS.xls
PRODUCT CODE	36127
PRODUCT NAME	MANGANESE DIOXIDE PRACT
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1313-13-9)
ATOMIC OR MOLECULAR FORMULA	MnO ₂
ATOMIC OR MOLECULAR WEIGHT	86.94
PROPERTIES	Insoluble in water, nitric acid or cold sulfuric acid. Strong oxidizer.

MnO₂

PARAMETER	LIMIT
Description	A fine black dense powder.
Solubility	Soluble in warm HCl with evolution of chlorine.
Assay (Iodometric)	79.0 – 85.0%
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : Assay (if applicable) method mentioned.

WARNING

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

Precautionary statements

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response : IF SWALLOWED: 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/attention.

IMDG Code : 5.1/ II

UN No. : 1479

IATA : 5.1

Disposal: Return the chemical to the supplier. Mixed with reducing agent such as sodium thiosulphate or sodium sulphite and small amount of water and reaction is accelerated by dilute H₂SO₄. After neutralization material can be washed off.

Hazard Pictogram(s) :



Skin irritation



Oxidising

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.: 02
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