



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\PS\38232XPS.xls
PRODUCT CODE	38232
PRODUCT NAME	2,4-DINITROPHENOL 97% (INDICATOR)
SYNONYMS	(1-Hydroxy-2,4-dinitrobenzene, α - dinitrophenol)
C.I. NO.	-
CASR NO.	(51-28-5)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₄ N ₂ O ₅
ATOMIC OR MOLECULAR WEIGHT	184.11
PROPERTIES	Severe explosion hazard when dry. Absorbed by skin. Light sensitive.
PARAMETER	LIMIT
Description	Pale yellow crystalline powder / powder
Minimum Assay(On dried material, by GC)	97.0%
Melting Point	100 -113 °C
Water (By KF)	About 33%
Transition Range	pH 2.8 - 4.0 Almost colourless – Greenish yellow
MAXIMUM LIMIT OF IMPURITIES	
Note(s) :1] Assay (if applicable) method mentioned. 2] The specification and tests apply to the dry substance	
DANGER Hazard statements: Flammable solid. Solid desensitised explosives: high hazard. Fatal if swallowed. Toxic in contact with skin. Toxic if inhaled. May cause allergic skin reaction. Very toxic to aquatic life Precautionary statements Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use explosion-proof electrical/ventilating/hg hting equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Remove/Take off immediately all contaminated clothing. Collect spillage.	IMDG Code : 4.1/I UN No. : 1320 IATA : 4.1
Disposal: -----	
Hazard Pictogram(s) : Flammable Acute toxicity Aspiration hazard Aquatic environment	
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010
Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 27.10.2008 Revision No.: 01 Revision dt. : 02.04.2010 AMEND NO. : 1554

