



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20227XPS.xls		
PRODUCT CODE	20227		
PRODUCT NAME	QUINHYDRONE AR		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(106-34-3)		
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₁₀ O ₄		
ATOMIC OR MOLECULAR WEIGHT	218.21		
PROPERTIES	Slightly soluble in water, soluble in alcohol, ether, hot water, ammonia.		
PARAMETER	LIMIT		
Description	A lustrous dark green crystalline powder.		
Solubility	2% solution in 90% methanol is clear and orange brown coloured.		
p-Benzoquinone (C ₆ H ₄ O ₂)	48.0 - 52.0%		
Quinol (C ₆ H ₆ O ₂)	48.0 - 52.0%		
Melting Point	167 – 172 °C		
Suitability for use in pH Determinations	Passes test.		
Sulphated ash	Max. 0.1%		
MAXIMUM LIMIT OF IMPURITIES			
Alcohol insoluble matter	0.05%		
Sulphate (SO ₄)	0.01%		
Copper (Cu)	0.0025%		
Iron (Fe)	0.02%		
Lead (Pb)	0.0025%		
Note(s) : Assay (if applicable) method mentioned.			
DANGER Hazard statements : Toxic if swallowed Precautionary statements Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.		IMDG Code : 6.1/III UN No. : 2811 IATA : 6.1	
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.			
Hazard Pictogram(s) : Acute toxicity			
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 : 01.07.2002 Revision No.: 01 Revision dt. :02.04.2010 AMEND NO.: 1554

