



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\20188XPS.xls
PRODUCT CODE	20188
PRODUCT NAME	PHENOL CRYSTALS AR
SYNONYMS	carbolic acid AR
C.I. NO.	N/A
CASR NO.	108-95-2
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₅ OH
ATOMIC OR MOLECULAR WEIGHT	94.11
PROPERTIES	
PARAMETER	LIMIT
Description	Colourless hygroscopic crystals with a characteristic odour. Phenol becomes pink on exposure to air & light.
Solubility	5% solution in water is clear & colourless.
Minimum assay	99.5%
Freezing Point	40.0° - 41.0°C
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Acidity	0.04 ml N/1%
Alkalinity	0.04 ml N/1%
Non volatile matter	0.02%
Chloride (Cl)	0.0005%
Iron (Fe)	0.0001%
Lead (Pb)	0.001%
Tarry matter	No reaction
Water	0.5%

Note(s) : Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not breathe dust or mist. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. Get medical advice/attention if you feel unwell. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal : ---

IMDG Code : 6.1/II
UN No. : 1671
IATA : 6.1

Hazard pictogram(s) :



Acute toxicity Aspiration hazard Corrosive to metals



Acute toxicity Aspiration hazard Corrosive to metals

Prepared By : VINOD PATEL	Checked By :RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 03
Sign. :	Sign. :	Sign. :	Revision dt. : 23/08/2010
Date : 21/08/2010	Date : 21/08/2010	Date : 23/08/2010	AMEND NO. : P062