



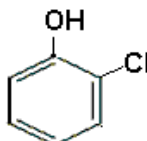
**SDFCL**  
s d fine-CHEM limited

Quality Control Dept.



Product Specification

|                             |                                  |
|-----------------------------|----------------------------------|
| E Control                   | QC2\DATAD\D:\PS\37728XPS.xls     |
| PRODUCT CODE                | 37728                            |
| PRODUCT NAME                | 2-CHLOROPHENOL (for synthesis)   |
| SYNONYMS                    | o-Chlorophenol                   |
| C.I. NO.                    | N/A                              |
| CASR NO.                    | 95-57-8                          |
| ATOMIC OR MOLECULAR FORMULA | C <sub>6</sub> H <sub>4</sub> OH |
| ATOMIC OR MOLECULAR WEIGHT  | 128.56                           |
| PROPERTIES                  | Volatile with steam, Combustible |



| PARAMETER                                       | LIMIT                                                           |
|-------------------------------------------------|-----------------------------------------------------------------|
| Description                                     | Colourless to almost colourless liquid becomes dark on storage. |
| Solubility                                      | Miscible with methanol forming clear solution.                  |
| Minimum assay (By GC)                           | 99.0%                                                           |
| Wt. per ml at 20 °C                             | 1.261 - 1.266 g                                                 |
| Freezing Point                                  | 8 - 9 °C                                                        |
| Refractive Index (n) <sub>D</sub> <sup>20</sup> | 1.558 - 1.560                                                   |

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

**DANGER:**

**HAZARD STATEMENTS :** May cause respiratory irritation. Combustible Liquid Fatal if swallowed. Harmful if inhaled. Harmful in contact with skin. Causes mild skin irritation. Causes eye irritation. Toxic to aquatic life with long lasting effects. Harmful to life in the soil.

**PRECAUTIONARY STATEMENTS :**

**Prevention :** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from flames and hot surfaces.

**Response :** 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 ON SKIN: Gently wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IMDG Code : 6.1/III  
UN No. : 2021  
IATA : 6.1

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Disposal</b> : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.<br>The chemical waste should be collected by specialized disposal company.                                                                                                                                                                                                                                              |                                                                                     |                                                                                         |                                                                                               |
| Hazard pictogram(s) : <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <p><b>Acute toxicity</b></p> </div> <div style="text-align: center;">  <p><b>Hazardous to the aquatic environment</b></p> </div> </div> |                                                                                     |                                                                                         |                                                                                               |
| Prepared By : MANISH PATEL<br>Name/Dept. : Sr.Officer (Q.A.)<br>Sign. :<br>Date : 31/01/2012                                                                                                                                                                                                                                                                                                                                                                           | Checked By: K.B.DESAI<br>Name/Dept. :Incharge(Q.A.)<br>Sign. :<br>Date : 31/01/2012 | Approved By: S.S.TOLIA<br>Name/Dept. : Incharge (Tech.)<br>Sign. :<br>Date : 10/02/2012 | Issue Date : 01/07/2002<br>Revision No. : 03<br>Revision dt. : 10/02/2012<br>AMEND NO. : P088 |