



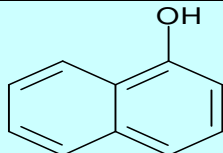
**SDFCL**  
s d fine-CHEM LIMITED

Quality Control Dept.



Q Product Specification

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| E Control                   | QC2\DATAD\D:\PS\20162XPS.xls                      |
| PRODUCT CODE                | 20162                                             |
| PRODUCT NAME                | 1-NAPHTHOL AR                                     |
| SYNONYMS                    | ( $\alpha$ -naphthol)                             |
| C.I. NO.                    | --                                                |
| CASR NO.                    | (90-15-3)                                         |
| ATOMIC OR MOLECULAR FORMULA | C <sub>10</sub> H <sub>7</sub> OH                 |
| ATOMIC OR MOLECULAR WEIGHT  | 144.17                                            |
| PROPERTIES                  | light sensitive, Sublimable, volatile with steam. |



| PARAMETER                   | LIMIT                                                                      |
|-----------------------------|----------------------------------------------------------------------------|
| Description                 | White to pink to brownish crystalline powder, with a characteristic odour. |
| Solubility                  | 10% solution in ethanol is clear.                                          |
| Identification (By FTIR)    | Conforms.                                                                  |
| Minimum Assay (By GC)       | 99.0%                                                                      |
| Melting Point               | 95.0 - 97.0 °C                                                             |
| Sulphated ash               | Max. 0.02%                                                                 |
| Water (By KF)               | Max. 0.2%                                                                  |
| MAXIMUM LIMIT OF IMPURITIES |                                                                            |
| Insoluble matter            | 0.01%                                                                      |
| Chloride (Cl)               | 0.005%                                                                     |
| Iron (Fe)                   | 0.001%                                                                     |
| Heavy metals (as Pb)        | 0.001%                                                                     |
| Naphthalene (By GC)         | 0.2%                                                                       |
| 2-Naphthol (By GC)          | 0.2%                                                                       |

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

**DANGER**

**Hazard statements** : May cause respiratory irritation. Toxic if swallowed Harmful in contact with skin. Causes skin irritation. Causes serious eye damage

**Precautionary statements**

**Prevention** : Wash thoroughly after handling. Wear protective gloves/clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response** : IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Wear eye/face protection. If eye irritation persists, get medical advice/attention. 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. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing

IMDG Code : 6.1/III  
UN No. : 2811  
IATA : 6.1

**Disposal**: Dispose of contents and container in accordance with relevant legislation.

**Hazard Pictogram(s)** :



Acute toxicity



Corrosive to metals

|                             |                           |                               |                           |
|-----------------------------|---------------------------|-------------------------------|---------------------------|
| 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          |
| Sign. :                     | Sign. :                   | Sign. :                       | Revision dt. : 02.04.2010 |
| Date : 01.04.2010           | Date : 01.04.2010         | Date : 02.04.2010             | AMEND NO. : 1554          |

