



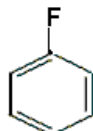
**SDFCL**  
s d fine-chem limited

Quality Control Dept.



Product Specification

|                                |                                 |
|--------------------------------|---------------------------------|
| E Control                      | QC2\DATAD\DA\PS\38413XPS.xls    |
| PRODUCT CODE                   | 38413                           |
| PRODUCT NAME                   | FLUOROBENZENE (for synthesis)   |
| SYNONYMS                       | N/A                             |
| C.I. NO.                       | N/A                             |
| CASR NO.                       | 462-06-6                        |
| ATOMIC OR<br>MOLECULAR FORMULA | C <sub>6</sub> H <sub>5</sub> F |
| ATOMIC OR<br>MOLECULAR WEIGHT  | 96.10                           |
| PROPERTIES                     |                                 |



|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| PARAMETER                                       | LIMIT                                 |
| Description                                     | Colourless liquid with benzene odour. |
| Solubility                                      | Miscible with alcohol, ether.         |
| Minimum assay (By GC)                           | 99.0%                                 |
| Wt. per ml at 20°C                              | 1.024 - 1.026 g                       |
| Refractive Index (n) <sub>D</sub> <sup>20</sup> | Abt. 1.465                            |

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

**DANGER**

**HAZARD STATEMENTS** : May cause respiratory irritation. Highly flammable liquid and vapour. May be harmful if swallowed. Causes eye irritation.

**PRECAUTIONARY STATEMENTS**

**Prevention** : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

**Response** : If eye irritation persists, get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

**Disposal** : Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents. Combustible organic compounds are mixed with sodium carbonate and /or calcium hydroxide powder before burning them in incinerator.

IMDG Code : 3/II  
UN No. : 2387  
IATA : 3

Hazard pictogram(s) :



Skin irritation



Flammable liquids

|                             |                            |                               |                           |
|-----------------------------|----------------------------|-------------------------------|---------------------------|
| Prepared By : DINESH        | 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. : 02         |
| Sign. :                     | Sign. :                    | Sign. :                       | Revision dt. : 09/08/2010 |
| Date : 06/08/2010           | Date : 06/08/2010          | Date : 09/08/2010             | AMEND NO. : P062          |