

|                                   |  |      |   |                     |                                     |                   |       |
|-----------------------------------|--|------|---|---------------------|-------------------------------------|-------------------|-------|
| <b>HEXAFLUORO PHOSPHORIC ACID</b> |  |      |   |                     | Formula                             | HPF6              |       |
|                                   |  |      |   |                     | Mol .Wt.                            | 145.97            |       |
|                                   |  |      |   |                     | U.N.No.                             | 1782              |       |
| Synonym                           |  |      | Hydrogen hexafluorophosphate  |                     | CAS No.                             | 16940-81-1        |       |
|                                   |  |      |   |                     |                                     |                   |       |
| <b>PRODUCT SPECIFICATIONS</b>     |  |      | <b>PHYSICAL PROPERTIES</b>  |                     |                                     |                   |       |
| HPF6 Content                      | 60 %   | Min. | Appearance  |                     | Colourless to light coloured liquid |                   |       |
| H3PO4                             | 10 %   | Max. | B.P.  | N.A.                | Density at 25 o C                   | 1.651             |       |
| Water                             | 30 %   | Max. | M.P.  | 10 oC               | Vap.Pr                              | N.A.              |       |
|                                   |  |      | Solubility  |                     | Hydrolyzes slowly                   |                   |       |
|                                   |  |      |   |                     |                                     |                   |       |
| <b>HAZARD DATA</b>                |  |      | NFPA  | Health              | Flammable                           | Reactivity        | other |
| Pl. refer MSDS for details        |  |      | Ratings   | N.A.                | N.A.                                | N.A.              | N.A.  |
|                                   |  |      |   |                     |                                     |                   |       |
| Hazard Class                      | 8  |      | Flammability  |                     | Not Flammable                       |                   |       |
| Flash Point                       | N.A.   |      | TWA   | 2.5 mg/m3(F)        | LD50 Oral rat                       | 1530mg/kg         |       |
| Auto Ignition                     | N.A.   |      | Label required  | Toxic ,if swallowed |                                     |                   |       |
| Extinguisher                      | Use water spray,chemical foam,dry chemical or CO2. |      |   |                     |                                     |                   |       |
| <b>HANDLING/ STORAGE</b>          |  |      | Avoid contact with skin, eyes and clothing .Wash thoroughly after handling .Store in a well – ventilated area away from water ,acids and alkalis . Keep containers closed during storage. |                     |                                     |                   |       |
|                                   |  |      |   |                     |                                     |                   |       |
| <b>PACKAGING</b>                  |  |      | Group   | II                  | Normal                              | 25 Kg HDPE Drums  |       |
|                                   |  |      |   |                     | Bulk                                | 200 kg HDPE Drums |       |
|                                   |  |      |   |                     |                                     |                   |       |
| <b>APPLICATIONS</b>               |  |      | Metal decontaminant ,Chemical Lustering agent, Catalyst ,Anti-corrosion for the surface of metals.  |                     |                                     |                   |       |