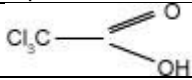


**SPECIFICATIONS OF MONOCHLOROACETIC ACID - AQUEOUS SOLUTION (MCA-AS)**

|    |                            |  |              |
|----|----------------------------|--|--------------|
| 1  | PRODUCT                    | Monochloroacetic Acid, technical pure, 80% aqueous solution  |              |
| 2  | Structural                 |    |              |
| 3  | Molecular Weight           | 94.50  |              |
| 4  | CAS Reg No                 | 76-11-8  |              |
| 5  | Appearance                 | Clear Colourless Liquid  |              |
| 6  | Specifications             |  |              |
|    | Item                       | Testing Method   |              |
|    | Monochloroacetic Acid(NLT) | 99.25%   | GC           |
|    | Dichloroacetic Acid (NMT)  | 00.50%   | GC           |
|    | Acetic Acid(NMT)           | 00.25%   | GC           |
|    | Total Acid Content(w/w)    | 79.80%   | Titration    |
|    | Water Content(w/w)         | 21% Max  | Karl Fischer |
|    | Iron(NMT)                  | 10 ppm   | AAS          |
| 7  | IMCO                       | 1750   |              |
| 8  | IMCO Class                 | 8  |              |
| 9  | Uses :                     | Used as an intermediate in Pharmaceuticals, Textile Auxiliaries and manufactures of Esters & Carboxy Methyl Cellulose  |              |
| 10 | Packing                    | 250 Kg HM HDPE Barrel or ISO Tanks   |              |
| 11 | Storage                    | Store in a close Ventilated & shaded area.   |              |
| 12 | Precaution                 | Avoid contact with skin and eyes.  |              |
| 13 | Note                       | The information given in this Data Sheet is based on the present state of our knowledge. Any conclusions and recommendations made are without liability on our part. Buyers and Users should make their own assessment of our product under their own conditions and for their own requirements. |              |