



Product Specification

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| E Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QC2\DATAD\ID\PS\29093XPS.xls                                                 |                                               |                           |
| PRODUCT CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29093                                                                        |                                               |                           |
| PRODUCT NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PERCHLORIC ACID 0.1 N<br>(In glacial acetic acid for non-aqueous titrations) |                                               |                           |
| SYNONYMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                          |                                               |                           |
| C.I. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                          |                                               |                           |
| CASR NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ---                                                                          |                                               |                           |
| ATOMIC OR<br>MOLECULAR FORMULA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ---                                                                          |                                               |                           |
| ATOMIC OR<br>MOLECULAR WEIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ---                                                                          |                                               |                           |
| PROPERTIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |                                               |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |                                               |                           |
| PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LIMIT                                                                        |                                               |                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Clear and colourless solution.                                               |                                               |                           |
| Solubility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Miscible with water forming clear and colourless solution.                   |                                               |                           |
| Normality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.1 $\pm$ 0.0005 N                                                           |                                               |                           |
| Note(s) : Assay (if applicable) method mentioned.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                               |                           |
| HAZARD STATEMENTS : Causes skin irritation. Suspected of damaging the unborn child. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              | IMDG Code : 8/II<br>UN No. : 2920<br>IATA : 8 |                           |
| PRECAUTIONARY STATEMENTS :<br><b>Prevention</b> : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.<br><b>Response</b> : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Immediately call a POISON CENTER or doctor/physician. If eye irritation persists: Get medical advice/attention. |                                                                              |                                               |                           |
| Disposal : ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              |                                               |                           |
| Hazard pictogram(s) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                               |                           |
| <div style="text-align: center;"></div> <p style="text-align: center;"><b>Aspiration hazard    Corrosive to metals</b></p>                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                               |                           |
| 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. : 01         |
| Sign. :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sign. :                                                                      | Sign. :                                       | Revision dt. : 28/08/2010 |
| Date : 26/08/2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date : 26/08/2010                                                            | Date : 28/08/2010                             | AMEND NO. : P062          |