



Product Specification

|                                |                               |
|--------------------------------|-------------------------------|
| E Control                      | QC2\DATAD\DA\PS\33023\XPS.xls |
| PRODUCT CODE                   | 33023                         |
| PRODUCT NAME                   | FEHLING'S SOLUTION NO.1       |
| SYNONYMS                       | N/A                           |
| C.I. NO.                       | N/A                           |
| CASR NO.                       | ---                           |
| ATOMIC OR<br>MOLECULAR FORMULA | ---                           |
| ATOMIC OR<br>MOLECULAR WEIGHT  | ---                           |
| PROPERTIES                     |                               |

|                         |                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| PARAMETER               | LIMIT                                                                                                                                      |
| Description             | A blue colour clear liquid.                                                                                                                |
| Solubility              | Miscible with water forming clear solution.                                                                                                |
| Wt.per ml at 20 °C      | About 1.057                                                                                                                                |
| Cupric sulphate Content | Min. 7.0% w/v                                                                                                                              |
| Sensitivity             | Eual volume of soln. 1 & 2, which are kept separte are mixed when ready for use. 5 ml of each (1&2) = 10 ml of soln. = 0.05 gm of glucose. |

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |
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| <p><b>DANGER</b></p> <p><b>HAZARD STATEMENTS</b> : May cause respiratory irritation. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.</p> <p><b>PRECAUTIONARY STATEMENTS</b> :</p> <p><b>Prevention</b> : Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><b>Response</b> : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention. Collect spillage.</p> <p><b>Disposal</b> : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.</p> | <p>IMDG Code : ---</p> <p>UN No. : ---</p> <p>IATA : ---</p> |
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Hazard pictogram(s) :



Acute toxicity



Hazardous to the  
aquatic environment

|                             |                            |                               |                           |
|-----------------------------|----------------------------|-------------------------------|---------------------------|
| 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. : 20/08/2010 |
| Date : 18/08/2010           | Date : 18/08/2010          | Date : 20/08/2010             | AMEND NO. : P062          |