

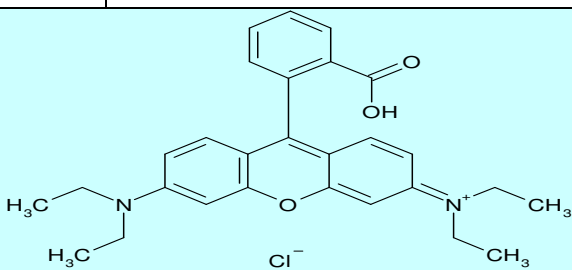


**SDFCL**  
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

|                                                                                                                                                                                                                                                                                                                    |                                                                                                                      |                               |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------|
| E Control                                                                                                                                                                                                                                                                                                          | QC2\DATAD\D\PS\23111XPS.xls                                                                                          |                               |                                            |
| PRODUCT CODE                                                                                                                                                                                                                                                                                                       | 23111                                                                                                                |                               |                                            |
| PRODUCT NAME                                                                                                                                                                                                                                                                                                       | RHODAMINE B (M.S. & M.I.)                                                                                            |                               |                                            |
| SYNONYMS                                                                                                                                                                                                                                                                                                           | --                                                                                                                   |                               |                                            |
| C.I. NO.                                                                                                                                                                                                                                                                                                           | 45170                                                                                                                |                               |                                            |
| CASR NO.                                                                                                                                                                                                                                                                                                           | (81-88-9)                                                                                                            |                               |                                            |
| ATOMIC OR MOLECULAR FORMULA                                                                                                                                                                                                                                                                                        | C <sub>28</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>3</sub>                                                      |                               |                                            |
| ATOMIC OR MOLECULAR WEIGHT                                                                                                                                                                                                                                                                                         | 479.02                                                                                                               |                               |                                            |
| PROPERTIES                                                                                                                                                                                                                                                                                                         | Very soluble in water and alcohol, forming bluish red, fluorescent solution , slightly soluble in acids or alkalies. |                               |                                            |
| <div></div>                                                                                                                                                                                                                      |                                                                                                                      |                               |                                            |
| PARAMETER                                                                                                                                                                                                                                                                                                          | LIMIT                                                                                                                |                               |                                            |
| Absorptivity (A1% / 1 cm at λ = 543 nm,in methanol)                                                                                                                                                                                                                                                                | Min. 2100                                                                                                            |                               |                                            |
| Suitability for microscopy                                                                                                                                                                                                                                                                                         | To pass the test.                                                                                                    |                               |                                            |
| Suitability as metal indicator                                                                                                                                                                                                                                                                                     | To pass the test.                                                                                                    |                               |                                            |
| Loss on drying (at 110 °C)                                                                                                                                                                                                                                                                                         | Max. 5.0%                                                                                                            |                               |                                            |
| MAXIMUM LIMIT OF IMPURITIES                                                                                                                                                                                                                                                                                        |                                                                                                                      |                               |                                            |
| --                                                                                                                                                                                                                                                                                                                 | --                                                                                                                   |                               |                                            |
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| Note(s) : Assay (if applicable) method mentioned.                                                                                                                                                                                                                                                                  |                                                                                                                      |                               |                                            |
| <b>WARNING</b><br><b>Hazard statements</b> : Harmful if swallowed. Harmful to aquatic life<br><b>Precautionary statements</b><br><b>Prevention</b> : Do not eat, drink or smoke when using this product.<br>Wash hands thoroughly after handling.<br><b>Response</b> : Specific treatment: refer to Label or MSDS. |                                                                                                                      |                               | IMDG Code : --<br>UN No. : --<br>IATA : -- |
| <b>Disposal</b> : The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.                                                                                                                                                                          |                                                                                                                      |                               |                                            |
| Hazard Pictogram(s) :                                                                                                                                                                                                                                                                                              |                                                                                                                      |                               |                                            |
| <div><div></div><div>Skin irritation</div></div>                                                                                                                                                                                |                                                                                                                      |                               |                                            |
| Prepared By :                                                                                                                                                                                                                                                                                                      | Checked By:                                                                                                          | Approved By:                  | 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. : 02.04.2010                  |
| Date : 01.04.2010                                                                                                                                                                                                                                                                                                  | Date : 01.04.2010                                                                                                    | Date : 02.04.2010             | AMEND NO.: 1554                            |

