

## HANUS' SOLUTION (FOR DETERMINING IODINE NUMBER)

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| <b>PRODUCT CODE</b>                          | <b>844035</b>  |
| <b>SYNONYMS</b>                              | --   |
| <b>C.I. NO.</b>                              | --   |
| <b>CASR NO.</b>                              | --   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>           | --   |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>            | --   |
| <b>PROPERTIES</b>                            | --   |
| <b>PARAMETER</b>                             | <b>LIMIT</b>   |
| Description                                  | Red to very dark red and red-brown and brown-red liquid. |
| Solubility                                   | Miscible with water.                                     |
| Molarity                                     | 0.0985 - 0.1014 M  |
| Wt. per ml at 20 <sup>o</sup> C              | 1.054 - 1.074  |
| Refractive index (20 <sup>o</sup> C: 589 nm) | 1.369 - 1.379  |

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

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| <p><b>DANGER</b></p> <p><b>HAZARD STATEMENTS:</b> Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. . Causes serious eye damage. Harmful to aquatic life.</p> <p><b>PRECAUTIONARY STATEMENTS :</b></p> <p><b>Prevention:</b> Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/ spray. Wash thoroughly after handling. 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: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.</p> <p><b>Disposal:</b> Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water</p> | <p>IMDG Code : -- 8 (3) / II</p> <p>UN No. : -- 2789</p> <p>IATA :-- 8 (3)</p> |
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Hazard pictogram(s) :



GHS02



GHS05