### Product Information

**Product Number** | **Packing**
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RM7146 | 1G
RM7146 | 5G

**Product Information**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>RM7146</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>5-Iodo-2'-deoxyuridine</td>
</tr>
<tr>
<td>Synonym</td>
<td>1-(2-Deoxy-β-D-ribofuranosyl)-5-iodouracil; 5-IUdR; IDU</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>C₉H₁₁IN₂O₅</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>354.10</td>
</tr>
<tr>
<td>CAS No.</td>
<td>54-42-2</td>
</tr>
<tr>
<td>EC No.</td>
<td>200-207-8</td>
</tr>
<tr>
<td>HS Code</td>
<td>2934 99 90</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

**Technical Specification**

- **Appearance**: White to off-white crystals or powder
- **Solubility**: 33.3 mg soluble in 1 mL of 1 N ammonium hydroxide
- **FTIR**: Matches with the standard pattern
- **Assay (NaOH Titration/HPLC)**: 99.00 - 102.00%

**GHS Safety Information**

- **Hazard Statement(s)**: H315-H319-H335-H341-H361
- **Precautionary Statement(s)**: P261-P281-P305+P351+P338
- **Signal Word**: Warning
- **Hazard Pictogram(s)**

**Risk and Safety Information**

- **R-Phrase(s)**: 63-36/37/38-62-68
- **S-Phrase(s)**: 26-36/37
- **WGK**: 3
- **RTECS**: YU7700000
- **Storage Temperature(°C)**: Store at 2 - 8°C

**Transport Information**

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
| IATA          | Not Dangerous Goods |