

**RM8686 Naphthol Yellow S**

**Product Number Packing**

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RM8686 : 50G

**Product Information**

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Product Code : RM8686  
Product Name : Naphthol Yellow S  
Synonym : 2,4-Dinitro-1-naphthol-7-sulfonic acid sodium salt; Flavianic acid sodium salt  
Molecular Formula : C<sub>10</sub>H<sub>4</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>S  
Molecular Weight : 358.19  
CAS No. : 846-70-8  
EC No. : 212-690-2  
HS Code : 3212 90 00  
Colour Index No. : 10316  
Shelf Life : 4 years

**Technical Specification**

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Appearance : Yellow to orange powder.  
Solubility : Soluble in water.  
FTIR (KBr disc) : Matches with the standard pattern.  
Absorption maximum 1 : 423 - 433 nm (10 ppm in water)  
Absorption maximum 2 : 387 - 397 nm (10 ppm in water)  
Absorption maximum 3 : 280 - 290 nm (10 ppm in water)  
Absorption maximum 4 : 249 - 259 nm (10 ppm in water)

**Risk and Safety Information**

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S-Phrase(s) : 22-24/25  
WGK : 3  
RTECS : QK1813000  
Storage Temperature(°C) : Store below 30°C

**Transport Information**

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