

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 38661

**Product**

**Naphthol yellow S hydrate**

2,4-Dinitro-1-naphthol-7-sulfonic acid disodium salt hydrate

Disodium 2,4-Dinitro-1-naphthol-7-sulfonate hydrate

**CAS Number** 846-70-8

**Molecular Formula** C<sub>10</sub>H<sub>4</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>S•xH<sub>2</sub>O

**Molecular Weight** 358.19

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**Synonym 3** Disodium 8-Hydroxy-5,7-dinitro-2-naphthalenesulfonate hydrate

**Synonym 4** 8-Hydroxy-5,7-dinitro-2-naphthalenesulfonic acid disodium salt hydrate

**Appearance** Light yellow to brown powder to crystal

**Assay by titration** ≥ 98%

**Purity by HPLC** ≥ 98%

**Grade** CI 10316

**Storage** Store at RT

**Additional Information** Absorbance(E<sup>1%</sup>1cm) = ≥ 430 (H<sub>2</sub>O, λ<sub>max</sub> = 427 - 431 nm)

**For Laboratory Use Only**