

Chem-Impex International, Inc.

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Product Specifications

$(\text{NH}_4)_2\text{SO}_3 \cdot \text{H}_2\text{O}$

Catalogue Number	35964
Product	Ammonium sulfite monohydrate
CAS Number	7783-11-1
Molecular Formula	$(\text{NH}_4)_2\text{SO}_3 \cdot \text{H}_2\text{O}$
Molecular Weight	134.16

Warnings	<i>Air sensitive!</i>
Appearance	Colorless or white crystals
Solubility	Soluble in water. Insoluble in acetone and alcohol
Melting Point	60 - 70 °C (dec.)
Density	1.41
Refractive Index	1.515
Infrared Spectrum	Conforms to structure
Assay by titration	≥ 92%
Application	It is used in caramel coloring in the food industry. It is also used in cosmetics as a hair straightening agent and a hair waving agent. It acts as a reducing agent in photography
Storage	Store at RT

For Laboratory Use Only