



TECHNICAL DATA SHEET

AMMONIUM THIOSULPHATE SOLUTION 60%

PRODUCT DATA AND TYPICAL PROPERTIES

Formula	: (NH ₄) ₂ S ₂ O ₃
Molecular weight	: 148.21
Synonyms	: Ammonium hyposulphite solution
Specific gravity (20 °C)	: 1.33 (typical)
Crystallisation temperature	: 5 °C approx.

PRODUCT SPECIFICATION

Appearance		Clear and colourless liquid
Colour	Hazen	≤ 5
Assay	% (NH ₄) ₂ S ₂ O ₃	60.0 ± 1.0
Total Alkalinity	% NH ₄ OH	0.9 ± 0.6
Sulphites	% (NH ₄) ₂ SO ₃	≤ 1.0
Iron	% as Fe	≤ 0.0002

The product supplied to this specification meets the requirements of BS 3310:1998, ISO 3619-1976 (photographic grade ammonium thiosulphate solution)

The product is tested using our standard analytical methods.

HANDLING AND STORAGE

Shelf life:	Nominally 12 months.
Storage Conditions:	In a cool, dry warehouse out of direct sunlight.

STANDARD PACKAGING

Road tankers, according to transport regulations.
1000 litre intermediate bulk containers (IBCs), 200 and 25 litre polyethylene drums.

MAIN USES

In the photographic industry, as an essential component of fixer baths.
In the agricultural and horticultural industries.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

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