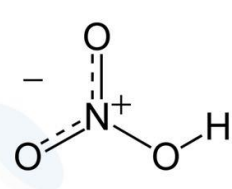


## General Information

Chemical Formula	HNO <sub>3</sub>	
Synonym	Aqua Fortis	
Origin	China	
H.S. Code	2808.00	
CAS No.	7697-37-2	
Molecular Weight	63.01 g mol <sup>-1</sup>	

## Application

Agricultural Industry	Used as a source of nitrate in the manufacturing of fertilizers such as ammonium nitrate and calcium nitrate.
Chemical Industry	Used in organic oxidation to manufacture terephthalic acid and other organic compounds.
Cleaning Agent	Its aqueous blend is used for cleaning food and dairy equipment where it remove precipitated calcium and magnesium compounds.
Explosives Industry	It is used for manufacturing explosives such as trinitrotoluene (TNT), nitroglycerin, nitrocellulose.
Food Industry	Its aqueous blend is used for cleaning food and dairy equipment.
Metallurgy Industry	It is used for steel and brass pickling.
Textiles	It is used to oxidize KA-oil in the manufacture of nylon.

## Specification

Property	Units	Value
Appearance	-	Clear, colorless liquid
Purity	%	68-70
Specific Gravity (at 20 °C)	-	1.40
Nitrous Acid	%	≤ 0.03
Fe	ppm	≤ 6
Ignition Residue	%	≤ 0.02

## Packaging

- 640 @ 35 kg HM/HDPE Carbuoys, 22.4 MT/20'FCL