



# KENCRO

## CHEMICALS

### SPECIFICATIONS: NITRIC ACID (HNO<sub>3</sub>)

#### Description

A clear, colourless, water white to slightly yellow aqueous solution; has a strong pungent odour; fumes in moist air; highly soluble in water with the evolution of heat; exposure to heat or sunlight promotes formation of oxides of nitrogen causing discoloration.

Physical Properties	Commercial Grade 42.0°Be
Specific Gravity at 20.0°C (68F)	1.41
Baume gravity at 15.5°C (60F)	42°Be Min
Nitric Acid (HNO <sub>3</sub> )	67.2% Min
Freezing point (approx)	-33°C (-27F)
Boiling point at 40% wt.	112°C

Chemical Properties	Commercial Grade 42.0°Be
Sulphate (as SO <sub>4</sub> )	<10 ppm max
Chloride (Cl)	<1 ppm max
Iron (Fe)	<10 ppm max
Heavy Metals (as Pb)	<5 ppm max

#### SAFETY

As with any chemical, nitric acid requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

***FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS***

***All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility***

***Note: All values are expressed on a weight basis as is.***

**SPEC#: OLF0J8**

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