

## PRODUCT SPECIFICATION SHEET

### NITRIC ACID Commercial Grade

Typical Chemical Analysis	
Parameter	Typical
Nitric Acid (HNO <sub>3</sub> ), wt. % <sup>(Note 1)</sup>	56 - 64
Water	Balance
Chlorides, ppm <sup>(Note 2)</sup>	< 50
Iron, ppm <sup>(Note 2)</sup>	< 10
Sulfates, ppm <sup>(Note 2)</sup>	< 10
Oxides of nitrogen, ppm <sup>(Note 1)</sup>	1500 - 5000

Typical Physical Properties	
Parameter	Specification
Specific gravity at 60° F (16° C)	1.352
Freezing point	< 0° F

Comments:

**Note 1:** Varies by manufacturing site.

**Note 2:** Typical values based on historical data. Not reported routinely.

Please obtain a Material Safety Data Sheet for more information

The Material Safety Data Sheet ("MSDS") for this product contains important environmental, health and safety information regarding this product, including information concerning the handling and storage of this product. Copies of the MSDS for this product can be obtained at [www.cfindustries.com](http://www.cfindustries.com) or by contacting your CF representative.

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