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## NITRIC ACID 14-0-0 67% $\text{HNO}_3$ SPECIFICATIONS

GHL item #: 100-01010056 / 100-01010057

DESCRIPTION	
CAS # 7697-37-2 Nitric Acid is a clear, colourless to slightly yellow aqueous solution which has a strong pungent odour. Nitric Acid fumes in moist air, is highly soluble in water with the evolution of heat, and when exposed to heat, can promote formation of oxides of nitrogen causing discolouration.	
PHYSICAL PROPERTIES	67% SOLUTION
Specific Gravity (approx.) @ 20°C (68°F)	1.41
Freezing Point (approx.)	-33°C (-27°F)
Boiling Point (approx.)	121°C (249°F)
Appearance	Clear, colourless to slight yellow
CHEMICAL PROPERTIES	67% SOLUTION
Total Strength of Nitric Acid ( $\text{HNO}_3$ )	67.0 – 67.9 %
Sulphate ( $\text{SO}_4$ )	5 ppm max.
Chloride (Cl)	1 ppm max.
Iron (Fe)	10 ppm max.
Lead (Pb) as Heavy Metals	0.2 ppm max.
Oxides of Nitrogen as $\text{NO}_2$	10 ppm max.

Note : All values are expressed on a weight basis as is.  
This product meets Military Specification A-A-59105B  
For Fire, Health, Safety and First-Aid information, please refer to MSDS  
Previous Date Reviewed : November 06, 2013  
Date Reviewed : November 16, 2015

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