

Product Data Sheet



60% Nitric Acid



60% Nitric Acid (Commercial Grade)

General:

Apache Nitrogen Products, Inc. manufactures a clear nitric acid solution containing 22.2% nitrogen. The solution has been treated to remove most free nitrous oxides.

Typical Chemical Composition:

Concentration (HNO ₃)	57 % - 60 %
Oxides of Nitrogen (as NO ₂)	0 to trace
Iron (Fe)	0 to trace

Typical Physical Data:

Weight per gallon @ 60°F (16°C)	11.4 lbs.
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Compatibility & Uses:

- Incompatible with most substances.
- Use – Intermediate chemical.
- Use – Metal finishing.
- Use – Reagent.

Advantages:

Safety:

Refer to the product Material Safety Data Sheet for additional information.

- Nitric Acid is classified as a CORROSIVE. Contact with skin or eyes will cause burns. Take normal precautions for working around concentrated acid solutions.
- The fumes are toxic. Inhalation of fumes (oxides of nitrogen) can cause irreversible damage to the respiratory system. Wear appropriate personal protective equipment.
- 316 or 304L stainless steel construction recommended for storage and handling systems.

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