

PRODUCT SPECIFICATIONS

ANHYDROUS AMMONIA REFRIGERATION GRADE



DESCRIPTION

Anhydrous Ammonia (NH₃) is a colorless liquid compressed gas. The vapor is lighter than air with an extremely pungent odor. Refrigeration Grade Anhydrous Ammonia is manufactured to the following specifications.

CHEMICAL AND PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>SPECIFICATIONS</u>	<u>TYPICAL/VALUE</u>
Ammonia.....	99.99% min.....	99.996%
Water.....	0.01% max.....	0.004%
Oil.....	5 ppm max.....	1 ppm
Specific Gravity.....		.618 @ 60°F
Pounds Per Gallon.....		5.146 @ 60°F
Boiling point.....		-28°F
Freezing Point.....		-108°F
Vapor Pressure.....		93 psig @ 60°F
Temperature (°F/°C).....	30/-1.1.....60/15.5.....90/32.2.....	120/48.9
Vapor Pressure (psig).....	45.....93.....	166.....272



Certified to
NSF/ANSI 60

Maximum use level under NSF/ANSI Standard 60
Anhydrous Ammonia.....10mg/L

SAFETY AND HANDLING

Anhydrous Ammonia liquid and vapor are strong irritants to the skin, eyes, mucous membranes, and respiratory system. Direct exposure will cause serious injury and possible death. When handling ammonia, proper personal safety equipment must be worn at all times. Personnel handling ammonia shall be fully trained in the areas of properties of ammonia, safe handling techniques, safety equipment, first aid, and emergency procedures. Refer to your Anhydrous Ammonia SDS for more detailed safety handling and equipment information.



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