PRODUCT SPECIFICATIONS

Anhydrous Ammonia
Commercial Grade

NH_3

PRODUCT DESCRIPTION

Anhydrous Ammonia (NH_3) is a colorless liquid compressed gas. The vapor is lighter than air with an extremely pungent odor. Commercial Grade Anhydrous Ammonia is manufactured to the following specifications.

CHEMICAL AND PHYSICAL PROPERTIES

PROPERTY	SPECIFICATIONS
Ammonia	99.5% min
Water	0.2% min
Oil	5 ppm max
Specific Gravity	.618 @ 60ºF
Pounds Per Gallon	5.146 @ 60ºF
Boiling Point	-28ºF
Freezing Point	-108ºF
Vapor Pressure	93 psig @ 60ºF

Temperature (ºF/ºC)	30/-1.1	60/15.5	90/32.2	120/48.9
Pressure (psig)	45	93	166	272

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.

NSF

Certified to NSF/ANSI/CAN 60

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

Rev. 8/2026

The information on this Product Profile is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. For latest product specifications, contact our nearest sales office.

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