



## PRODUCT SPECIFICATION

EP 030

REV 04

### IDENTIFICATION

<b>Chemical name</b>	Anhydrous Ammonia Gas
<b>Formula</b>	NH <sub>3</sub>
<b>CAS Number</b>	7664-41-7

### PHYSICAL - CHEMICAL CHARACTERISTICS

<b>Appearance</b>	Liquid, clear and colorless			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Concentration	%	99.5	-	Manufacturer's Specification
Water Content	%	-	0.50	
Oil content	ppm	-	10	

### MAIN APPLICATIONS

Chemical, textile, metallurgical, livestock, ammonia fertilizers, dyes, refrigerators, water treatment plants, among other applications.

OTHER INFORMATION	
<b>UN No.</b>	1005
<b>Risk No.</b>	268
<b>Packaging</b>	Cylinders or bulk
<b>Cautious</b>	Toxic, asphyxiating, irritating and corrosive gas. Inhalation can cause serious injury. Avoid contact with the skin, as it can cause very serious burns. For handling, use the following PPE's: Full face mask with filter for NH gas <sub>3</sub> OR breathable air cylinder attached to the mask, PVC or nitrile gloves, lined and in long shafts, leather boots and trevira cape.
<b>Storage</b>	Keep stored in an open, covered, ventilated place, away from sources of heat and ignition. Always consult the MSDS of the product or its emergency form.
<b>Validity</b>	Indeterminate when under adequate storage conditions, however, consumption within 12 months is suggested.
<b>Legal requirements</b>	Product controlled by the Federal Police - FP.

	Code	Description
<b>Technical Specifications</b>	111.01.0	Anhydrous Ammonia gas
	111.01.3	Anhydrous Ammonia gas CI
	111.59.3	Anhydrous Ammonia gas CICLCL
	111.58.3	Anhydrous Ammonia gas CI CLEV
	111.59.0	Anhydrous Ammonia gas CLCL
	111.58.0	Anhydrous Ammonia gas CLEV
	111.65.0	Anhydrous Ammonia gas GDVD
	111.01.5	Anhydrous Ammonia gas PI
<b>Technical Specifications</b>	111.59.5	Anhydrous Ammonia gas PI CLCL
	111.66.0	Anhydrous Ammonia gas PTV D
	111.66.0	Anhydrous Ammonia gas PTV D
	111.64.0	Anhydrous Ammonia gas VFVD
	111.64.3	Anhydrous Ammonia gas VFVD CI

HISTORY OF CHANGES		
Date	Revision	Comments of Changes
2013-08-10	03	Document layout update and technical inclusion for product analysis.
-	04	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes. Unification of EP's 0031 to 0033.
2018-08-07	05	Inclusion of code and 111.64.3