



SESANTECH INDUSTRIES (NIG.) LTD

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SESANGAS

Anhydrous Ammonia(NH₃)
Liquid Ammonia
Liquid Chlorine
Refrigerant Gas
Carbon Dioxide (CO₂)
L.P.G (Cooking Gas)
Propane Gas

CERTIFICATE OF ANALYSIS

PRODUCT (BULK AMMONIA) – ANHYDROUS – AMMONIA

ANALYSIS DATA:

COUNTRY OF ORIGIN	-----	NIGERIA/GERMANY
CHEMICAL FORMULAR:	-----	NH ₃
APPEARANCE:	-----	CLEAR
MOISTURE:	-----	0.02%
OIL:	-----	5 PPM
PURITY:	-----	99.95%
BOILING POINT:	-----	-33C
MELTING POINT:	-----	-77C
SPECIFIC GRAVITY:	-----	<u>0.682@-33C</u>
(Water =1)		
SOLUBILITY IN WATER:	-----	HIGH
VAPOUR DENSITY:	-----	<u>9.547Kg/m³@32°F</u>
(Air = 1)		
PH: Highly alkaline	-----	PH1.0Naq.Sol = 11.6
	-----	PH0.1 Naq.Sol = 11.1
	-----	PH0.01 Naq.Sol = 10.6
PERCENT VOLATILITY BY VOLUME:	-----	100%
AUTO IGNITION TEMPERATURE:	-----	651°C
VAPOUR PRESSURE:	-----	1.499Kg/cm ² @38°C
FLASH POINT:	-----	Not Flammable
PRODUCTION DATE:	-----	FEBRUARY, 2026
EXPIRY DATE:	-----	FEBRUARY, 2027

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