



PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

<i>SODIUM NITRATE</i>	Agricultural Grade - Prilled
CAS N° 7631 - 99 - 4	

GENERAL DESCRIPTION		
CHEMICAL FORMULA		NaNO ₃
APPEARANCE		White prills
INTERNAL CODE		SSA

CHEMICAL SPECIFICATIONS		
GUARANTEED		
NITROGEN	N	%
CHLORIDE	Cl	%
		16 min
		1 max

CHEMICAL SPECIFICATIONS		
TYPICAL		
NITROGEN	N	%
CHLORIDE	Cl	%
		16.0
		0.8

SCREEN ANALYSIS		
(CUMULATIVE %)		
US Standard Sieve	Tyler	mm
+8	+8	2.36
+12	+10	1.70
+16	+14	1.18
+20	+20	0.85
		12%
		66%
		97%
		99%

Note: Measured at plant site. Particle size can be affected by handling and transportation

PHYSICAL PROPERTIES	
MELTING POINT	~ 308 °C
SOLUBILITY (in water at 20 °C)	88 g / 100 cm ³
DENSITY (Bulk)	1.25 ton (metric) /m ³
SPECIFIC GRAVITY	2.257
ANGLE OF REPOSE	31°

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