

# Sodium Silicate Solid

Molecular Formula:  $\text{Na}_2\text{O} \cdot \text{MSiO}_2$

CAS No: 1344-09-8

HS Code: 28391910



### Industrial Grade Sodium Metabisulphite

Item	Superior grade	First grade
Content ( $\text{Na}_2\text{S}_2\text{O}_5\%$ )	$\geq 96\%$	95%
Fe%	$\leq 0.005\%$	0.010%
Insoluble substance in water%	$\leq 0.05\%$	0.05%
As%	$\leq 0.0001\%$	

### Food Grade Sodium Metabisulphite

Item	Index
Content ( $\text{SO}_2$ )	$\geq 65\%$
Fe%	$\leq 0.005\%$
Insoluble substance in water%	0.05%
Heavy metal (Pb)%	$\leq 0.002\%$
As%	$\leq 0.0002\%$
PH	4.0-4.6

## Sodium Tripolyphosphate Powder(Industrial Grade)

Item	Index
Assay, $\text{Na}_5\text{P}_3\text{O}_{10}$	≥90%
P2O5	≥56.5%
Water Insoluble	≤0.10%
PH, 1% Solution @25.0	9.2-10.0
Iron, as Fe	≤0.007%
Whiteness	≥90%
Bulk Density	600-900kg/m <sup>3</sup>

## Sodium Tripolyphosphate Powder (Food Grade)

Item	Index
Assay, $\text{Na}_5\text{P}_3\text{O}_{10}$	≥95%
P2O5	≥57%
Water insoluble	≤0.05%
PH, 1% solution @25.0	9.5-10.0
Fluoride, as F	≤50 ppm
Arsenic, as As	≤3 ppm
Lead, as Pb	≤5 ppm

Item	MODEL 1	MODEL 2
M.R.	1.9-2.2	3.2-3.4
(Na <sub>2</sub> O+SiO <sub>2</sub> )%	≥98.50	≥99.00
(Fe <sub>2</sub> O <sub>3</sub> )%	≤0.050	≤0.020
(Al <sub>2</sub> O <sub>3</sub> )%	≤0.50	≤0.25

Item	MODEL 1	MODEL 2
Na <sub>2</sub> O%+ SiO <sub>2</sub> %	≥77	≥77
M.R.	1.90-2.10	2.90-3.10
WHITENESS%	≥90	≥90
BULK DENSITY (g/cm <sup>3</sup> )	0.40-0.50	0.55-0.70
IGNITION LOSS@900±5°C%	18.0-19.0	15.0-18.0

Item	Index
Sodium Oxide (Na <sub>2</sub> O)%	28.00-30.00
Silica (SiO <sub>2</sub> )%	27.00-29.00
Whiteness%	≥80
Particle Size% (16-30mesh)	≥90
Fe (ppm)	≤200
Water Insoluble%	≤0.2
Bulk Density	0.80-0.97g/cc
PH of 1% Solution	12-13
Melting Point	72.2°C

Item	Index
Sodium Oxide (Na <sub>2</sub> O)%	49.50-51.50
Silica (SiO <sub>2</sub> )%	45.00-47.00
Whiteness%	≥90
Particle Size% (0.3-1.0mm)	≥93
Bulk Density (g/cm <sup>3</sup> )	0.98-1.35
Fe (ppm)	≤200

Item		Index
Ca exchange capacity (CaCO <sub>3</sub> ),mg/g	ĩŸ	330
Mg exchange capacity (MgCO <sub>3</sub> ),mg/g	ĩŸ	340
Particle size (20 mesh sieve) , %	ĩŸ	90
Whiteness, %	ĩŸ	90
pH, (0.1% aq., 25ĩC)	ĩÜ	11.0
Water insolubles, %	ĩÜ	1.5
Water, %	ĩÜ	5.0
Na <sub>2</sub> O+SiO <sub>2</sub> ,%	ĩŸ	77

Item		Index
Total alkali (as Na <sub>2</sub> CO <sub>3</sub> , dry basis) %		99.4
Chloride content(as NaCl, dry basis) %		0.30
Iron content as Fe, dry basis %		0.003
Sulphate content (as SO <sub>4</sub> dry basis) %		0.03
Water-insoluble matter content %		0.02
Bulk density g/mL		0.85
Granularity, Sieve residue %	180µm	75.0
	1.18mm	2.0

# Caustic Soda Flake

Molecular Formula: NaOH

CAS No: 1310-73-2

HS Code: 28151100

Item	Index
PURITY(Na <sub>2</sub> SO <sub>4</sub> ) %	98.50
Ca+ Mg (AS MG) %	0.2
CHLORIDE CONTENT(as Cl) %	0.5
Iron(Fe) content%	0.002
MOISTURE CONTENT%	0.2
Water insolubles %	0.05
Whiteness	82 min.

# Dicyandiamide

Molecular Formula:  $\text{C}_2\text{H}_4\text{N}_4$

CAS No: 461-58-5

HS Code: 29262000

# Caustic Soda Pearl

Molecular Formula:  $\text{NaOH}$

CAS No: 1310-73-2

HS Code: 28151100

In total, I need about 900 tons, how are these priced? How long will it take to get these to Cuba? What certifications do you have to validate the quality?