

Hukill Chemical Corporation
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Technical Data Sheet

Sodium Nitrate

CAS # 7631-99-4

TECHNICAL DATA

TYPICAL ANALYSIS

Sodium Nitrate, %wt
Sodium Nitrite, wt%
Chlorides (Cl), PPM
Sulfates, PPM
Water, Wt%

SPECIFICATIONS

98 Minimum
0.01 Maximum
5000 Maximum
5000 Maximum
0.2 Maximum

PHYSICAL PROPERTIES

#/Gallon	1.00
Flash Point	None
Appearance & Odor	Odorless white crystals or prills
Physical State	Solid
Stability - Conditions to Avoid	Stable-None.
Incompatibility	Reducing agents, organics, and cyanides.
Hazardous Decomposition	Decomposes to toxic gases at high temperatures
Polymerization - Conditions to Avoid	Will not occur-None.
Unusual Fire & Explosion Hazards	Oxidizer. Keep away from reducing agents, organics, and cyanides. Could react explosively with these materials.

USES & APPLICATIONS

Oxidizing agent; solid rocket propellants; fertilizer; flux; glass manufacture; pyrotechnics; reagent, refrigerant; matches; dynamites; black powders; manufacture of sodium salts and nitrates; dyes; pharmaceuticals; an aphrodisiac; color fixative and preservative in cured meats, fish, ect.; enamel for pottery; modifying burning properties of tobacco.

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