



THE TNN DEVELOPMENT LIMITED

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Technical Data Sheet

PRODUCT NAME: Sodium Nitrate
 CAS NO: 7631-99-4
 UN: 1498
 SHELF-LIFE: 2 years

DESCRIPTION: White fine crystal. It's easy to be deliquescence and to dissolve in water and liquid ammonia, but only a little can dissolve in ethanol and glycerin. The melting point is 271°C. And decomposition temperature is 380.1. Its decomposition products are sodium nitrite and oxygen. If heated to higher temperature, it will be decomposed into the mixed gas of oxygen, azote and oxynitride. It has the strong oxidizing property and can cause the inflammation and explode while mixed with organics, sulfur and sulfite, etc.

APPLICATION: This product is important chemical raw material, which is widely used in glass, dye, detonator, metallurgy, machinery and vitreous enamel and other industries.

SPECIFICATIONS:

Items	Standards
SODIUM NITRATE CONTENT (AS DRY BASIS)	≥99.30%
MOISTURE CONTENT	≤1.50%
WATER INSOLUBLE CONTENT(AS DRY BASIS)	≤0.06%
CHLORIDUM (NACl) CONTENT(AS DRY BASIS)	≤0.50%
SODIUM CARBONATE CONTENT(AS DRY BASIS)	≤0.10%
SODIUM NITRITE CONTENT(AS DRY BASIS)	≤0.02%
IRON CONTENT(AS DRY BASIS)	≤0.005%

(1)Stored in the place of ventilation and dry, avoiding rain, heated and exposure under sunlight.

NOTICE:

(2)Not to be delivered or stored together with acid, metal powder, saw dust, gauze, paper, sugar, sulfur, and other organic tinder and regulated.

(3)Handle with care against friction and bounce while moving and piling.

(4)The fire caused by sodium nitrate can be eradicated by pouring water.

PACKAGING:

25 kg bag

For and on behalf of
 THE TNN DEVELOPMENT LIMITED
 德慈(大连)国际贸易有限公司
Peter
 Authorized Signature(s)



We hereby certify that the above is true and correct.