

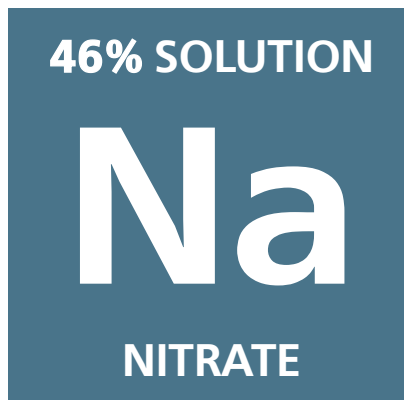
# Sodium Nitrate 46% Solution

## Chemical & Physical Properties

|                                |                      |
|--------------------------------|----------------------|
| Chemical Formula               | NaNO <sub>3</sub>    |
| CAS Number                     | 7631-99-4            |
| Specific Gravity @ 68°F (20°C) | 1.38                 |
| Salt-Out Temp                  | Not available        |
| Color                          | Clear to pale yellow |
| Odor                           | No odor detected     |
| Weight per Gallon              | 11.5 lbs./gal        |

## Typical Analysis

|                                  |             |
|----------------------------------|-------------|
| Sodium Nitrate NaNO <sub>3</sub> | 45 - 47%    |
| Sodium (Na)                      | 12% minimum |
| H <sub>2</sub> O Insolubles      | < 0.01%     |
| Iron (Fe)                        | < 5 ppm     |
| Copper (Cu)                      | < 5 ppm     |
| Lead (Pb)                        | < 5 ppm     |
| Zinc (Zn)                        | < 5 ppm     |



## Description

Sodium Nitrate is very soluble in water. It is a readily available source of the nitrate anion (NO<sub>3</sub><sup>-</sup>), which is useful in several reactions carried out on industrial scales for the production of concrete admixtures, odor control in municipal waste water, and other industrial uses.

## Availability

Sodium Nitrate 46% solution is available for shipment via:

- Rail Car: 200,000 lbs.
- Bulk Tanker: 48,000 lbs.
- 275 Gallon IBC: 3,100 lbs.

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### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
813 626 1181