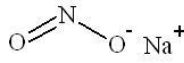


## General Information

|                  |                           |                                                                                     |
|------------------|---------------------------|-------------------------------------------------------------------------------------|
| Chemical Formula | NaNO <sub>2</sub>         |  |
| Synonym          | Nitrous Acid, Sodium Salt |                                                                                     |
| Origin           | China                     |                                                                                     |
| H.S. Code        | 28341010                  |                                                                                     |
| CASNo.           | 7632-00-0                 |                                                                                     |
| Molecular Weight | 68.9953 gram/mole         |                                                                                     |

## Application

|                   |                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Food Industry     | It is used as food stabilizer and additives to prevent the growth of bacteria such as Clostridium botulinum                                                                            |
| Pharmaceutical    | It is used to treat brain aneurysms, pulmonary hypertension, and pseudomonas aeruginosa. It also can prevent cell death in damage organ such as heart, lung and liver.                 |
| Textile Industry  | It is used as dyeing and bleaching agent in textile industry                                                                                                                           |
| Botanical         | It is used as fertilizer to increase the amount of nitrogen that require for plant. It also used as pesticides                                                                         |
| Other Application | It is used in manufacturing of nitroso compound, metal coatings for detinning and phosphating, corrosion inhibitor, photography, inhibitor of polymer, pulp and paper industries, etc. |

## Specification

| Property                            | Units | Value         |
|-------------------------------------|-------|---------------|
| Appearance                          |       | White Crystal |
| Sodium Nitrite (NaNO <sub>2</sub> ) | %     | 97 (min)      |
| Sodium Nitrate (NaNO <sub>3</sub> ) | %     | 1.0 (max)     |
| Insoluble                           | %     | 0.07 (max)    |
| Moisture Content                    | %     | 2.5 (max)     |

## Packaging

- 500 @ 50 kg plastic woven bag; 25 MT/ 20'FCL