



NAMI GOSTAR

## Sweet & Sour gas beteh crrosion inhibitor (NZ-100)

### Product Name:

Anti-corrosion solution of  
sour gas transmission line

### Product Code:

NZ-100/RO



### Appearance:

Diluted liquid with amber color



### Applications:

Pipeline pipes and sweet & sour gas tanks



### Packaging type:

It is packaged and shipped in 60 and 200  
kg gallons or at the request of the  
customer.



### Dosage:

According to the analysis of the contents  
of the transmission lines and laboratory  
tests, the dosage is determined



### Safety Items:

Avoid mixing with other chemicals  
without coordinating with the  
manufacturer.

Wear appropriate gloves, gowns, and  
masks when using. It is very dangerous  
and forbidden to smoke, smoke, or any  
kind of flame or spark near the place of  
consumption. In case of contact with  
skin or eyes, wash the area with plenty of  
water and consult a doctor if necessary



### Indications:

According to the dose of consumption,  
the injection should be done at the  
beginning of the transfer route.



### Mechanism of Action:

- Creating a protective layer on metal  
surfaces
- High protection in the presence of  
corrosive elements such as sulfur
- Protection at wide temperature and pH



# Technical Data Sheet

sweet & sour gas beteh crrosion inhibitor. NZ-100



## Features and Benefits

Corrosion protection over a wide range of temperatures and pH Prevents the formation of oxide layers on the internal surfaces of the system. Creating a protective layer on the inner surface. \* Lack of tendency to create emulsions and damage downstream systems.



## Method of use

The product consumption rate is 200 to 300 ml per square meter of the inner surface of the transmission pipe. The exact actual consumption rate is determined based on field tests and obtaining and analyzing the results. If dilution is required, use methanol, diesel fuel, or kerosene for this purpose.



## General Information

NZ-100 is a high performance anti-corrosion product formulated for ferrous metals. It provides excellent protection for sour and sweet oil and gas transmission systems by creating a protective layer on the inner surface of transmission pipes and tanks, providing complete protection for these systems. This product is formulated based on amines and light and heavy grade alcohols and effectively prevents corrosion in the system in the presence of corrosive elements found in oil and gas, such as sulfur.



## Storage and transportation

It is recommended to use the same original packaging containers for storing and transporting the solution, and to store the product in a cool, dry place away from direct sunlight and protected from any source of heat and sparks.



## Packaging

This product is available in 20, 60 liter gallons or other packaging weights upon customer request



## Health information

Wear appropriate gloves, gowns, and masks when using. Smoking, tobacco use, or any kind of flame or spark near the place of consumption is extremely dangerous and prohibited.

In case of contact with skin or eyes, wash the area with plenty of water and consult a doctor if necessary.



## Technical support

Nami Gostar Chemical Company is ready to provide product support in person or in person if you need any advice.

### Typical physical properties

Appearance	Amber colored liquid
Solubility in water	soluble
Solubility in hydrocarbons	Dispersible
pH at 25°C	10-11
pH Solution 1%	7-8
Density g/cm <sup>3</sup>	0.80-0.90
Flash point °C	<50