

ADVANCETM PROTECT

UAN SOLUTION

Stamicarbon's corrosion inhibitor
which prevents harmful corrosion
of carbon steel under
various conditions



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The challenge

To prevent corrosion that can cause severe damage to a plant's equipment, pipes and tanks leading to high and heavy repairation costs.

Stamicarbon's solution

The ADVANCE PROTECTTM UAN Solution effectively inhibits corrosion by producing a stable, non-toxic organic barrier that provides crucial long term, cathodic and anodic protection.

This inhibitor has especially been developed to avoid general and intergranular corrosion of metals under various conditions such as:

- A wide range of temperature
- Extended storage time
- Transport in pipelines
- Barges, tank cars and wagons
- Pumping at terminals
- Blending operations
- Spraying in operation gear

The benefits:

- Film forming on metal surface
- Over 99% of corrosion inhibition
- Cathodic and anodic protection
- Non toxic
- Non polluting
- Low foaming tendency
- Easy to clean and remove in case vessels or tanks are used for dual purposes

This ADVANCE PROTECTTM UAN corrosion inhibitor, directly available via Stamicarbon, has an integrated dosage with UAN plant and a low consumption with maximum protection.

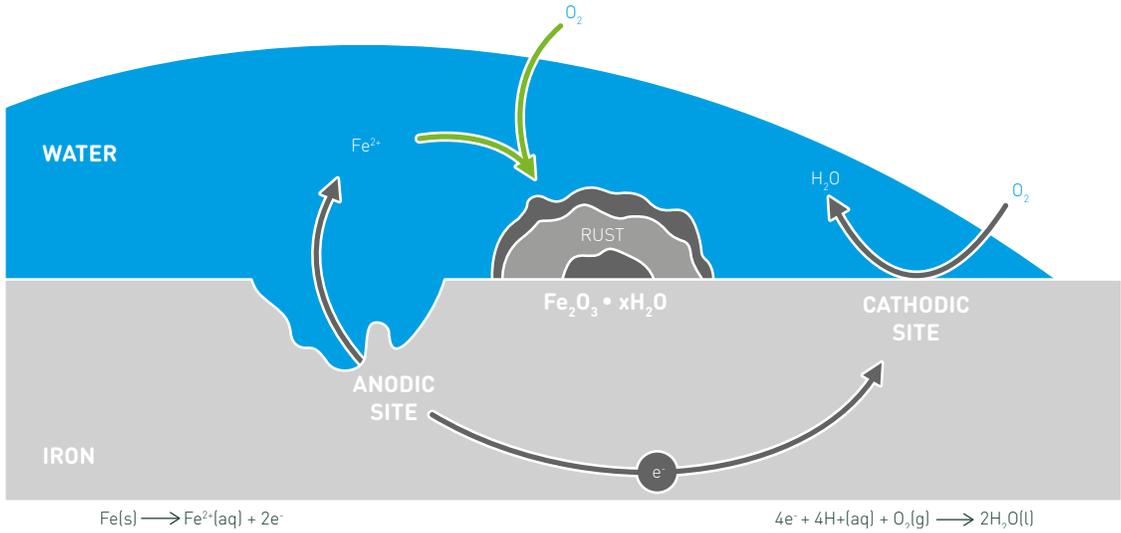
Why is a corrosion inhibitor essential?

- It prevents damaging corrosion of carbon steel
- It is extremely effective for storage facilities and farming equipment
- It allows storage for long periods

Why the ADVANCE PROTECTTM UAN Solution?

- Stamicarbon delivers full service packages of process design, product quality and plant integrity.
- Easy to analyze and supply, with a very low dosage.
- Can be used for both general corrosion and inter-granular corrosion.

Corrosion of metal surface



Schematic overview of UAN dosage

