

# ICS-421

Corrosion Inhibitor



International  
Chemical  
Group

## Description:

ICS-421 is a high molecular weight filming amine type inhibitor used to control corrosion in refinery process equipment.

## Applications:

ICS-421 is recommended for use in controlling corrosion in refinery overhead systems that are predominantly hydrocarbon. This product may be used safely in any refinery operating unit, but it is particularly suited for crude units.

It is especially formulated to provide corrosion protection at low pH and remain chemically stable at high temperatures. ICS-421 will not emulsify with water and is propane soluble.

## Dosage:

ICS-421 should be fed into a hydrocarbon slipstream and injected into the horizontal section of the overhead vapor line at dosage of 6 to 12 ppm of product. If at all possible, the inhibitor should be atomized.

## Typical Properties:

**Appearance:** Amber liquid

**Activity:** 80%

**Specific Gravity:** 0.90 – 1.00 @ 25°C (77°F)

**Flash Point:** > 61°C (142°F)

## Handling:

This product is combustible and should be kept away from open heat sources. Please refer to the Safety Data Sheet for further handling information.

## Packaging:

ICS-421 is available in drum quantities.

Technical Data Sheet

Liability Disclaimer - The information in this Data Sheet is provided without suggestion of warranty or guarantee. "Physical Properties" are typically values rather than specifications. The user is responsible for investigation for suitability of this product for their own use.



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