



Cola[®]Zoline VS

1:1 Fatty Acid / DETA Imidazoline

CAS 61790-69-0

LISTINGS US (TSCA); Canada (DSL); Australia (AIC); China (IECSC); Philippines (PICCS), New Zealand (NZIOC); Taiwan (TCSI)

Cola[®]Zoline VS is 1:1 imidazoline derived from fatty acid and DETA. It is a fatty amine film forming agent with wide applications in oilfield and refinery to prevent corrosion of metal surfaces.

BENEFITS

- 100% active
- Manufactured from sustainable resources
- Good base for corrosion inhibitor formulations
- Soluble in non-polar solvents, but becomes water-soluble upon neutralization with acids
- Low viscosity and easy to pour

APPLICATIONS

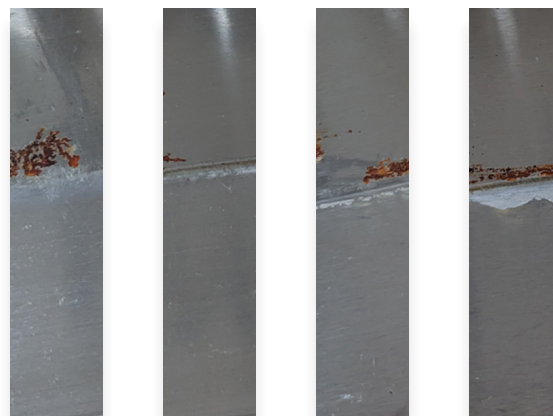
- Prevents corrosion of oil pipelines under high flow sheering
- Intermediate for forming imidazoline surfactants and emulsifiers

TYPICAL PROPERTIES

Appearance @ 25°C	Transparent Light to Medium Amber Liquid
I:A Ratio	1.80 MIN
% imidazoline	72.0% MIN
Alkali Value (60:40 IPA:Water)	175 – 204
pH (2% 70:30 IPA/AQ)	11.0 MIN
Color, Gardner BYK	11 MAX

PERFORMANCE TESTING

Cola[®]Zoline VS demonstrates comparable corrosion protection to the TOFA derived version in the following test.



TOFA (TD)

VS

TOFA (TD)

VS

Bare Steel

Ground Steel

STORAGE / HANDLING

Cola[®]Zoline VS should be stored in closed containers. Shipped in poly drums (net weight 400 lb/181 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

NOTE: Avoid sample storage in polyethylene terephthalate (PET) containers. Alternatives could be HDPE or glass.

Colonial Chemical

225 Colonial Drive • South Pittsburg, TN 37380
www.colonialchem.com

Innovative Specialty Surfactants