

Nova Star

CORE TECHNOLOGIES

I. *CONDENSATION REACTIONS*: CORROSION INHIBITORS

1. Alkyl Amidoamine: 1:1 (NS-7032)
2. Aminoethyl Imidazolines: 1:1 (NS-7030)
3. Amido Imidazolines: 2:1 (NS-7025)
4. Polyamido-Imidazoline (NS-7000)
5. Bis-Imidazoline (NS-7068)

II. *QUATERNIZATION (ALKYLATION) REACTIONS*:

1. CATIONIC SURFACTANTS

- Coco Benzyl Quat (NS-7126 in MeOH & NS-9126 in IPA)
- Coco Bis-Quat (NS-7570)
- Alkyl Pyridine Quat (NS-7801)

2. AMPHOTERIC SURFACTANTS Cocamidopropyl Betaine (NS-9269)

III. *PHOSPHATE ESTERIFICATION REACTIONS*: TEA Phosphate Ester (NS-8000)

IV. *MANNICH REACTIONS*: SCALE INHIBITORS

1. High Brine Phosphonic Acid (NS-8780)
2. DETA Phosphonic Acid (NS-8113)
3. BHMT Phosphonic Acid (NS-8065)
4. ATMP Phosphonic Acid (NS-8039)
5. AEEA Phosphonic Acid (NS-8025)
6. EDA Phosphonic Acid (NS-8030)

V. *CYCLIZATION REACTION* : Triazine H₂S Scavenger (NS-1513)

VI. *PARAFFIN DISPERSANT & DEMULSIFIER BASE*: (NS-9881)