

Reg. No: 00201 Issue: 1 Doc. Date: 02.2003 English Version

# **SEQUESTON**

# **DETPMPS - C**

#### **GENERAL**

Chemical Name Diethylene triamine penta (methylene phosphonic acid)

Sodium salt

Chemical Structure C<sub>9</sub>H<sub>28</sub>O<sub>15</sub> N<sub>3</sub>P<sub>5</sub> 7Na

Molecular Weight 727

Appearance Clear amber liquid

#### **SPECIFICATIONS**

| Active Content (as acid), %               | 25.0 min.   |
|---|-------------|
| Active Content (as salt), %               | 43.0 - 48.0 |
| pH , 1% solution at 25 $^{\circ}\text{C}$ | 6 –8        |
| Density, g/cm <sup>3</sup> at 20 °C       | 1.40 – 1.45 |
| Iron, ppm                                 | 35 max      |
| Chloride, %                               | 8 max       |
| Phosphorous Acid, %                       | 5 max       |

# **PACKING**

250kg per UN approved PE drum

### **APPLICATIONS**

Scale inhibitors in oil field, geothermal applications; cooling water treatment; detergents

# TRANSPORT INFORMATION

Not regulated

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