



# Paramount Minerals and Chemicals Limited

(An ISO 9001:2008, ISO 14001:2004 & OHSAS18001:2007 Certified Company)

# DOLOSOLZ VG

*Acrylic Acid Homopolymer  
Scale Inhibitor*

	<b>DOLOSOLZ VG</b>
<b>Grade</b>	<b>Partial Na Salt</b>
<b>Form</b>	<b>Clear to slightly yellowish solution</b>
<b>Percentage solids</b>	<b>48%</b>
<b>Viscosity, cps at 25 deg C</b>	<b>150-250</b>
<b>Density at 25 deg C</b>	<b>1.20-1.26 g/cm cube</b>
<b>pH as is at 25-30 deg C.</b>	<b>3.50-4.50</b>
<b>Average molecular weight</b>	<b>2,000</b>
<b>Storage stability</b>	<b>24 months from manufacture in unopened drums safely stored containers</b>
<b>Recommended for Use</b>	<b>In Industrial Water Treatment</b>  <ul style="list-style-type: none"><li>- <b>Inhibits scale formation in open recirculating cooling circuits (particularly CaCO<sub>3</sub> scale)</b></li><li>- <b>Dispersant for boiler sludge control</b></li></ul> <b>In Oil field water treatment for scale prevention in formation and production equipment</b>

Dolosolz VG is a general purpose scale inhibitor which is effective in preventing precipitation and deposition of barium sulfate, calcium oxalate, calcium sulfate, calcium carbonate and other low solubility salts through threshold effect by solubility enhancement.

With the process of crystal modification Dolosolz VG deforms inorganic salt crystals which then do not adhere well to surfaces and can be easily removed during cleaning.

Dolosolz VG through its dispersing characteristic prevents agglomeration and depositing on surfaces of precipitated crystals or other inorganic particles.

### **Benefits:**

- Excellent Hypochlorite stability
- Effective at wide pH range, water hardness and temperature conditions
- Excellent dispersant characteristic
- Free from phosphorus and therefore suitable for regions requiring phosphorus free discharge waters

### **Storage**

It is recommended to store Dolosolz VG at temperature above freezing. Freezing or long term cold storage may cause separation, this does not impair product performance if the entire contents are heated and well mixed.