Paramount Minerals and Chemicals Limited

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

DOLOSOLZ MN
Acrylic Acid Homopolymer
Scale Inhibitor

	DOLOSOLZ-MN
Grade	Partial Na Salt
Form	Clear to slightly yellowish solution
Percentage solids	48%
Viscosity, cps at 25 deg C	750-850
Density at 25 deg C	1.20-1.26 g/cm cube
pH as is at 25-30 deg C.	3.50-4.50
Average molecular weight	4,500
Storage stability	24 months from manufacture in unopened drums safely stored containers
Recommended for Use	In Industrial Water Treatment - Inhibits scale formation in open recirculating cooling circuits (particularly $CaCO_3$ scale) - Dispersant in all types of cooling circuits - Dispersant for boiler sludge control

Dolosolz MN 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 MN deforms inorganic salt crystals which then do not adhere well to surfaces and can be easily removed during cleaning.

Dolosolz MN 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 MN 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.