

# Petroflo\* 20Y712

## Polymerization Inhibitor

Petroflo\* 20Y712 is designed to:

- Inhibit both alkyl and peroxy free radical polymerization of dienes
- Decrease production losses
- Extend run lengths
- Work in both the extraction and finishing sections

### Description and Use

Petroflo 20Y712 is a highly concentrated blend of chain terminators designed to inhibit free radical polymerization of dienes in the presence or absence of oxygen.

### Application

Petroflo 20Y712 is effective in both the extractive distillation section and in the finishing section of butadiene and isoprene purification plants.

### Treatment

Proper treatment levels for Petroflo 20Y712 depend on the severity of conditions particular to a given installation.

Typical treatment levels are 20 to 50 ppm based upon the flow of crude diene to the extraction section or upon the diene flow in the finishing section. This product is used in conjunction with a commodity TBC program.

Assessment of each specific application by the GE representative will result in the most cost effective recommendation of treatment rates and control procedures specific to each application.

### Feeding

Petroflo 20Y712 is typically fed neat, directly from the shipping container. The product should be fed continuously by a chemical proportioning pump.

Injection points are normally to the reflux, returning to the tower or other suitable location to insure proper distribution of the inhibitor.

Do not mix with other chemicals unless compatibility has been checked with product management.

### Evaluation

For best unit performance, the GE Water & Process Technologies program must be conscientiously monitored by periodic recording of system control parameters such as heat transfer, pressure drop, chest pressure, pump strainer cleaning frequency and temperatures.

### Packaging

The GE Drumless Delivery Program consists of a wide range of customized systems to meet the unique needs of every customer, all around the world. Our ChemSure\* Drumless Delivery Program ensures a safe, reliable, responsive, easy and environmentally safe supply of treatment chemicals. The four universal delivery systems are:

- Chemsure Bulk Delivery System
- Chemsure Custom-Bulk Delivery System
- Chemsure Semi-Bulk Delivery System
- Chemsure Mini-Bulk Delivery System

One or more of these delivery options may be available in your area. For more information contact your GE representative.

### Safety Precautions - Typical Properties

A Material Safety Data Sheet (MSDS) containing physical properties data and detailed safety information for this product is available by contacting your GE representative.



Visit us online at [www.gewater.com](http://www.gewater.com)  
©2006, General Electric Company.  
All rights reserved.

**Global Headquarters**  
Trevose, PA  
+1-215-355-3300

**North America**  
Minnetonka, MN  
+1-952-933-2277

**Europe/Middle East/Africa**  
Heverlee, Belgium  
+32-16-40-20-00

**Asia/Pacific**  
Shanghai, China  
+86-21-5298-4573

\*Trademark of the General Electric may be registered in one or more countries.

E-PFhpPetroflo20Y712\_EN.doc Feb-06