

#### **AQUEOUS FRACTURING ADDITIVE**

### **ACTIVE INGREDIENTS:**

Alkyl $(C_8 - C_{18})^*$ bis (2-hydroxyethyl)	
benzyl ammonium chloride	23.6%
N-polyethylene polyamine (18-mole)	
N-oleylamine hydrochloride	2.7%
Isopropanol	30.0%
INERT INGREDIENTS:	43.7%
Total	100.0%

\*As in fatty acids of coconut oil. ( $C_0 = 1\%$ ,  $C_{10} = 57\%$ ,  $C_{10} = 20\%$ 

 $(C_8 = 1\%, C_{10} = 57\%, C_{12} = 20\%, C_{14} = 11\%, C_{16} = 2\%, C_{18} = 9\%)$ 

LPA Registration No. 10349-3

## DIRECTIONS:

For control of bacteria in fracturing fluids add 0.1 to 1.0 gallons Adomall per 1000 gallons of fracturing fluid (100-1000 ppm). Assistance of individual site problems obtainable from your Nalco Representative. Refer to Adomite Bulletin #50 for additional information on Adomall.

For surface tension reduction and emulsion prevention use 1 to 2 gallons Adomall per 1000 gallons of fracturing fluid or acid (1000-2000 ppm).

Adomall may be added and premixed prior to the fracturing operation or may be added directly from the drum by means of a proportioning pump to the blender during the operation.

NOTE: Adomall is intended for use in aqueous oil or gas well stimulation treatments only. Do not use in potable water supplies or domestic operations. Do not contaminate water by cleaning container. Do not reuse this container. Destroy when empty.

## **DANGER:**

KEEP OUT OF THE REACH OF CHILDREN. CAUSES SEVERE SKIN AND EYE DAMAGE. HARMFUL OR FATALIF SWALLOWED. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not use, pour, spill or store near heat or open flame. Avoid contamination of food.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash contaminated clothes before reuse. If swallowed, do not induce vomiting, drink large quantities of fluid and call a physician immediately.

# NALCO CHEMICAL COMPANY

P. O. BOX 87 • SUGAR LAND, TEXAS 77478