

Name **ULTRA LIQUID LAUNDRY DETERGENT**

658 No.

ALPHA-STEP® MC-48 is an excellent soap solubilizer that can make high soap levels possible in Description

finished products.

Formulation **INGREDIENTS:** % by Weight

> ALPHA-STEP® MC-48 29.0 Sodium Oleate 5.0 BIO-SOFT® N25-7 19.0 Borax 1.3 Ethanol 0.5 Propylene Glycol 5.0 PVP K-15 (antiredeposition agent) 8.0 Water, Fragrance, & Dye q.s. to 100.0

> **Total** 100.0

Procedure

Charger Water. Then add ALPHA-STEP® MC-48, Propylene Glycol, and BIO-SOFT® N25-7 while mixing until solution is homogeneous. Heat to approximately 50°C, add Sodium Oleate and mix until solution is again homogeneous. Allow mixture to cool to room temperature and add the remaining ingredients with mixing. Adjust pH with caustic soda or citric acid, if necessary.

Physical Properties pH, as is 8-10 Viscosity at 25°C, cps 200-350

Density, Ibs/gal 8.6 Clear, light yellow liquid

Appearance at 25°C

Instructions for Use

Use 1/3 cup per normal-size washload

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ALPHA-STEP®

For Additional Assistance For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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