



# Eagle Solid Products, Inc.

## Product Data Sheet

### EF-3 SOAP STICK

#### DESCRIPTION:

EF-3 Soap Sticks are composed of nonionic surfactants and foam boosting agents. They are produced in a solid cylindrical form. EF-3 Soap Sticks will produce high, stable foam columns in fresh water as well as high chloride brines. They will also tolerate moderate levels of produced hydrocarbons.

Upon application, the stick will fall to the top of the water level. There they will begin to dissolve, releasing the highly concentrated foaming agents. As the foaming agents are released, agitation from flow-through gas will begin to build a stable foam column. The accumulated fluids can then be removed by opening the well to minimal system pressure.

#### USAGE:

For unloading fluid buildup in gas wells, drop 2 –4 sticks down the tubing. Shut the well in for 30 minutes – 2 hours. Then open the well back up to a minimal system pressure. A regular maintenance treatment program is recommended. By dropping 1 –3 sticks on a regular basis higher levels of production can be maintained and unnecessary swabbing can be eliminated. Actual minimum stick usage and shut in times can vary significantly from well to well. We suggest the above mentioned usage rates be used as starting points and then adjusted up or down depending on your wells responsiveness to this product.

#### HANDLING AND STORAGE:

EF-3 Soap Sticks are industrial chemicals. All safety and handling on the product container and material safety data sheet must be followed. For detailed safety and disposal information, consult the material safety data sheet. This product should be stored in a cool, dry location.

#### PHYSICAL PROPERTIES:

FORM----- Solid cylindrical  
COLOR-----Blue  
DENSITY (150°F, lbs/ gal)-----8.8  
SPECIFIC GRAVITY-----1.056  
MELTING POINT-----132°F

#### AVAILABILITY:

EF-3 Soap Sticks are available in the following sizes: 1-5/8" X 18", 1-3/8" X 15", 1-1/4" X 15". The 1-5/8" X 18" are packed 40 sticks per case. The 1-3/8" X 15" and the 1-1/4" X 15" come packaged 70 sticks per case. They are available in 50-quart coolers, Dry boxes and other containers. Contact Eagle Solid Products, Inc. for more details.

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