



Eagle Solid Products, Inc.

Product Data Sheet

EF-21 FOAM STICK

DESCRIPTION:

EF-21 Foam Sticks are composed of a blend of high performance foaming agents encased in a water-soluble skin. The EF-21 Foam Stick is a very high activity water foamer that dissolves very quickly in water. The water soluble skin is completely water soluble. The water soluble skin also keeps the stick intact if the stick is dropped or cracked, thus eliminating broken, unusable sticks. This product is effective in a broad range of water types. It will also tolerate more produced hydrocarbons than conventional "hard" sticks.

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, remove the stick from the plastic, over-pack bag. **The plastic, over-pack bag is not water soluble and should not be dropped down the well.** Drop 2 –4 sticks down the tubing. Shut the well in for 15 minutes – 1 hour. Then open the well back up to a minimal system pressure. A regular maintenance treatment program is recommended. By dropping 1 – 2 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-21 Foam 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 foamer in a water-soluble skin
COLOR-----Tan paste / Clear Skin Bag
DENSITY (150°F, lbs/ gal)-----8.7
SPECIFIC GRAVITY-----1.044
MELTING POINT-----115°F

AVAILABILITY:

EF-21 Foam Sticks are available in the following sizes: 1-1/4" X 15". They are packed 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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