



CP-DFL™ Liquid Defoamer Cement Additive Product Data

CP-DFL™ is a solids-free liquid defoamer that can be used with a variety of slurries, including light slurries, slurries with retarders, slurries with high yield points, salt-saturated slurries, and latex slurries. CP-DFL does not produce settling that can be found in other defoamer of this type. CP-DFL has a low, cold weather pour point and has minimal effect on other parameters such as viscosity, thickening time, compressive strength and fluid loss control. CP-DFL defoamer can be used for slurries encountering downhole temperatures tested up to 450°F

Prior to using CP-DFL, it is highly advised that a project analysis be made prior to making any mixing recommendations. CP-DFL can be used with high yield point and salt slurries. CP-DFL has been proven environmentally safe for use, in various countries around the world.

Advantages & Benefits

- Solid free defoamer additive.
- Environmentally safe, and approved for use in various parts of the world
- Low pouring point, and greater defoaming properties when compared to other available defoaming agents.
- Will not affect viscosity, thickening time, compressive strength or fluid loss.
- Useful in a variety of slurries, including light slurries, slurries with retarders, slurries with high yield points, salt-saturated slurries, and latex slurries.
- Can be used for slurries encountering downhole temperatures tested up to 450°F.
- Freezing pour point -40°F.

Cost

Total well costs are often lower as a result of higher product operational efficiency, fewer performance problems and less rig time. CP-DFL results in lower operational costs as a result of an increased drill rate and an increased cement bonding strength when applied.

Compatibility

CP-DFL can be used in a wide range of conditions including high temperature, low density cement slurry and formulations containing retarders, latex, and high salt content.

Recommended Treatment

CP-DFL is recommended to be added at concentrations of 0.001-0.05 gal/sk of cement.

Handling

For specific instructions refer to SDS information or as illustrated on product containers.

Packaging

CP-DFL Defoamer is normally packaged in 5 gallon pails, 55 gallon drums, 275/330 gal totes.

Application	Material Properties
Composition	Non-ionic surfactant blend
Color	Clear liquid
% Solubility in Water	Soluble
Recommended Treatment	0.001-0.05 gal/sk
pH	7.0 – 8.0

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