**Form-A-Set ACC**

**Form-A-Set** ACC additive is a blend of inorganic compounds used to reduce the setting times of the Form-A-Set family of products.

**Form-A-Set** ACC accelerator is used when lower mixing or application temperatures slow the cross-linking process. **Form-A-Set** ACC should be considered when the temperature of the application is less than 60 °F (16 °C).

**Typical Physical Properties**
- Physical appearance: Green Liquid
- Solubility in water: Soluble
- Specific gravity: 1.4
- pH (2% solution): < 2
- Boiling point: 226 °F (108 °C)

**Applications**
**Form-A-Set** ACC accelerator is used to reduce the setting time of the **Form-A-Set** family of products. It is used when ambient temperatures or make-up water are below 60 °F (16 °C). To avoid over-treatment, caution must be exercised when adding the accelerator. The treatment level of **Form-A-Set** ACC accelerator is proportional to the volume of water in the slurry. Typically 0.3 lb/bbl of water (0.9 kg/m³ of water) is used. Pilot testing is recommended.

**Form-A-Set** ACC accelerator rapidly reacts with the slurry to form a rigid, cross-linked gel structure. It is important to carefully control the product concentrations and mixing conditions to ensure the reaction proceeds as expected. To ensure full polymer hydration, the **Form-A-Set** product should be fully mixed into water before adding **Form-A-Set** ACC accelerator. It is recommended that the accelerator be diluted in 5 to 10 gal (20-40 L) of water before adding to guarantee it is well dispersed. Because it reacts quickly, **Form-A-Set** ACC accelerator should be added to the lost circulation slurry immediately before pumping the mixture down the well.

**Advantages**
- Reduces setting times
- Creates a firmer plug in a shorter time at a given temperature

**Limitations**
Can cause “flash” setting of the slurry if temperature is greater than 85 °F (30 °C)

**Toxicity and Handling**
Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

**Packaging and Storage**
**Form-A-Set** ACC accelerator is packaged in 1 quart (0.95-L) cans containing 3-lb (1.4-kg) of product.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.