



# **CHEM TECHNOLOGIES, LTD.**

*Beyond the obvious from innovation to application*

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## **CHEMCAL 90** **90% Calcium Oxide Treated with Naphthenic Oil**

### ***Product Description / Advantages:***

**CHEMCAL 90** is a 90% active dispersion of calcium oxide blended with naphthenic oil. This product form is designed to offer the following advantages:

- Disperses easily and quickly
- Provides better dispersion of the active ingredient throughout the batch
- Can be preweighed in batch inclusive bags to specific customer weights
- Can be customized with alternate binders

### ***Application / Recommendations:***

**CHEMCAL 90** should be evaluated as a direct replacement for other ninety percent active grades on an equal basis and as a direct replacement for the higher activity grades on an active ingredient basis. This product is typically used at levels of five to ten parts. **Chemcal 90** is a moisture scavenger and provides protection against blistering and porosity.

### ***Active Ingredient:***

Calcium Oxide

### ***Typical Properties:***

### ***CAS #'s***

Calcium Oxide	90 ± 1%	1305-78-8
Specific Gravity	2.69	

***Appearance:***

Form: Dust Suppressed Powder

Color: Off-White

Odor: Basically Odorless

***Packaging:***

Standard packaging is ten (10) pounds per heat sealed bag although customized preweighs/ and packaging are available.

***Handling and storage:***

This product is sensitive to moisture and the heat sealed bags help protect from exposure. Calcium oxide is severely irritating to eyes and may cause skin burns. Calcium oxide reacts exothermically with water to form calcium hydroxide. The reaction itself may generate enough heat to ignite combustible material. Store in a cool, dry place. Maintain regular stock rotational practices. Partially used containers should be kept closed to minimize exposure and avoid contamination. Avoid physical contact. Wash with soap and water thoroughly after handling. If contacted in the eye, flush with water for 15 minutes and consult a physician. Please refer to the MSDS for additional information.

***For Additional Information:***

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