



# CHEM TECHNOLOGIES, LTD.

*Beyond the obvious from innovation to application*

14875 Bonner Drive Middlefield, OH 44062  
Phone: 440-632-9311 Fax: 440-632-9578

## **CTLP(TAIC)-72** **Triallyl Isocyanurate on an Amorphous Silica Binder**

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

**CTLP(TAIC)-72** is a 72% active dispersion of triallyl isocyanurate absorbed onto amorphous silica. 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:***

**CTLP(TAIC)-72** should be evaluated as a direct replacement for triallyl isocyanurate and dry liquid concentrates of this material on an active ingredient basis.

TAIC is used as a coagent for peroxide or electron beam cure systems, providing better heat aging and electrical properties than TAC. It is also used to enhance hardness and solvent resistance.

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

Triallyl isocyanurate (TAIC)

### ***Properties:***

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

Triallyl isocyanurate	1025-15-6	73 ± 2%	
Amorphous silica	112926-00-8	27 ± 2%	Not reported
Specific Gravity		1.31	Typical, not reported

***Appearance:***

Form: Free Flowing Powder

Color: Off-White

Odor: Slight Characteristic Odor

***Packaging:***

Standard packaging is sixty pounds per cardboard box, although customized preweighs/ and packaging are available.

***Handling and storage:***

TAIC may cause irritation of the skin, eye and respiratory tract. It is a suspect skin absorption hazard and slight ingestion hazard. The binder can also cause irritation of the skin and mucous membranes as well as have a dehydrating effect on respiratory tract, eyes, and skin.

*CTLP(TAIC)-72* must be stored in a cool, dry place. 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:***

Chem Technologies, Ltd.  
14875 Bonner Drive, Middlefield, OH 44062  
Phone: 440-632-9311 Fax: 440-632-9578  
Email: [email@chemtechnologiesltd.com](mailto:email@chemtechnologiesltd.com)

The confidential information, data and formulations contained in this document are the property of Chem Technologies, Ltd. No guarantee as to the suitability or performance of the data contained in this presentation is made beyond the information contained herein.

Rev 1  
November 2012