



## PRODUCT STEWARDSHIP SUMMARY

### LC 12-15

#### 1. Chemical identity

- Copper, beta-resorcyate salicylate Lead complexes, C.A.S. No. 68411-07-4

#### 2. Uses and Applications

LC 12-15 is used as a burn modifier for munitions.

#### 3. Physical / Chemical Properties

LC 12-15 is a green powder. It is stable under normal conditions, however, it is a flammable solid and will smolder and ignite when exposed to extreme heat, open flames or sparks. It burns slowly but persistently. It is incompatible with strong oxidizing agents.

#### 4. Globally Harmonized System (GHS) Classification



Danger. Flammable solid. Harmful if swallowed. Harmful if inhaled. May cause cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

#### 5. Exposure

Exposure to LC 12-15 may occur in industrial applications where engineering controls have failed or are not in place. Exposure can also result when safe work procedures are not followed, or workers do not use personal protective equipment. Exposure to LC 12-15 may occur during environmental releases if response operations are not conducted properly or in a timely manner.

#### 6. Risk Management

Engineering controls such as exhaust ventilation, dedicated closed systems, leak detection, welded joints, and properly designed storage equipment are recommended to minimize the risk of exposure to LC 12-15. Safe work practices and worker training on the handling of flammable solids and Lead compounds is also recommended. Personal protective equipment such as safety glasses, impervious gloves, respirators, and work uniforms are necessary to prevent worker exposure. In the event of an environmental release of LC 12-15, emergency personnel should follow appropriate



emergency response guidelines for flammable solids and Lead compounds, and wear adequate protective equipment to minimize exposure during response operations.

## 7. Additional Information

- The Shepherd Chemical Company Safety Data Sheets, [www.shepchem.com](http://www.shepchem.com)
- Hazardous Substance Data Bank (HSDB), <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

## 8. Contact Information

For more information, call (513) 458-6847 or email [bpelsor@shepchem.com](mailto:bpelsor@shepchem.com)