



Copper Amine C9

Product Stewardship Summary

December 2009

Product Name:	Copper Amine C9
Synonyms:	None
CAS Name & Number	Not Applicable – this is a mixture
EINECS Number	Not Applicable – this is a mixture

- *General Description.* This is a dissolved copper product. It is used with in conjunction with a co-biocide, typically an azole or azole combination, to formulate an effective wood preservative.
- *Manufacture.* Dissolved copper is produced at the Conley, GA, facility.
- *Applications.* Wood preservatives made with dissolved copper are applied into lumber, plywood, poles, posts, piles, and timbers through a pressure treatment system to protect the wood against termite damage and fungal decay. The treated wood is then used for decks, other backyard projects, walkways, utility poles, fence posts, land and marine piling, and a wide range of products that are otherwise susceptible to biodegradation.
- *Benefits.* This wood preservative adds decades of service life to wood products used outdoors.
- *General Precautions.* Copper Amine C9 is corrosive to the eyes, skin, and mucous membranes. Severe irritation and/or burns to the skin and eyes may occur from exposure. Direct contact to the eyes may cause permanent damage, therefore, wash immediately from exposed area to avoid serious injury. Ingestion and inhalation of the material is moderately toxic. Ingestion of large quantities of the material may result in liver and kidney damage.

Repeated exposure to the concentrated form of Copper Amine C9 can potentially cause damage to the eyes, skin, liver, and kidney.

Based on an evaluation of the individual components, Copper Amine C9 is not expected to damage genetic material and is not likely to be a mutagen. It is not reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

Copper Amine C9 is not expected to impair reproductive performance, fertility, or fetal development.

Based on evaluations of the active components, Copper Amine C9 is toxic to fish and other aquatic organisms. However, the concentrate is diluted 30 to 300 fold and then applied to wood in a closed system, thus greatly reducing the chance for discharge to sewers and/or waterways. Once impregnated into wood products, the potential for significant aquatic effects is not considered likely due to the implementation of best management practices used by wood treaters.

- *Likelihood of exposure.* Although transfers of the concentrated chemical are contained in closed systems, exposure to the chemical could occur at a manufacturing facility, treating plant, and site of an accidental release during shipment. After treatment, a large percentage of the chemical becomes part of the wood, though small amounts may leach from wood. For exposures to treated wood, see Material Data Safety Sheets on the finished products.
- *Risk management.* This product is not for sale to the consumer. It is for industrial use and application only. The population that is exposed to the concentrate is highly trained and wears the proper personal protective equipment to control the hazards. Applicators should carefully read and follow all label directions. The amount contained in wood products does not pose a significant health or environmental hazard.

For additional information, please visit our web site at www.archchemicals.com and click on "Contact Us".

This summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to be, and should not be relied upon as, a substitute for the detailed health and safety information contained in the Material Safety Data Sheet (or any other required hazard communication material) for this product, which should be consulted before use of the chemical or treatment for exposure. As with any product, it is very important to read and carefully follow all label directions and warnings. This summary does not amend, modify, or replace required regulatory and/or legal communication documents.