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## Router Mist Coolant Mixing Ratios

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**Summary:** This document offers coolant mixing ratios for router mist coolant systems.

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### Gerber Cool Mist Coolant System

Gerber Cool mist coolant is a non-toxic, vegetable-based coolant that is red in color. This coolant is **only** used with **Dimension 200 routing systems** equipped with the Gerber Cool mist coolant system. This coolant fluid needs **no mixing** and should be used straight from the container.

### Trico Mist Coolant System

Trim Mist brand coolant is recommended by Gerber for use in Trico mist coolant systems. This coolant is a water soluble and non-toxic coolant that is mixed with water prior. The coolant is yellow in color and should not be used in the Gerber Cool mist coolant system.

Mixing ratios vary depending on the type of material being cut. A mixture of 10 to 1 (10 parts water to 1 part Trim Mist) is recommended for most metals that can be cut on the router. The ratio can be increased to as much as 5 to 1 when cutting softer metals that heat up during cutting. These metals need a higher coolant concentration to provide greater cooling ability and increased lubrication.