



TRIM[®] MIST

Synthetic Misting Fluid

GENERAL DESCRIPTION

TRIM[®] MIST is a surface active synthetic coolant concentrate for spray mist operations. It is a clear and virtually odorless fluid that controls the overspray that is common with standard cutting and grinding fluids. It works well in cutting/grinding operations or where spray mists are used on boring mills and high-speed face milling.

ADVANTAGES

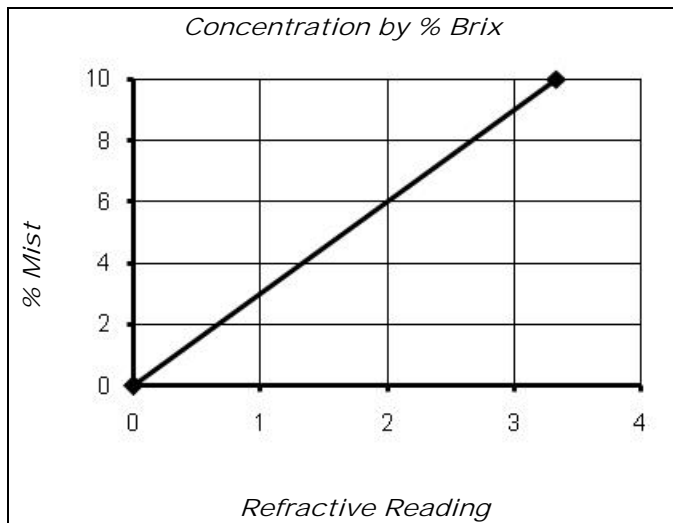
- Provides rapid and effective cooling
- Keeps grinding wheels clean and free of loading
- Has superior anti-weld action to control built-up edge and chip welding
- Compatible with all ferrous and most nonferrous materials
- Compatible with most nonmetallic materials
- Has very low odor and is pleasant to work with
- Contains no oil to leave slippery films on the work piece, the machine, or in the surrounding area
- Has a very low initial odor level which usually disappears after using for one-to-two days
- Will keep your machines clean while leaving a soft fluid film that protects the bare metal parts of your machine tools
- Has exceptional sump life and very good tramp oil rejection

APPLICATION GUIDELINES

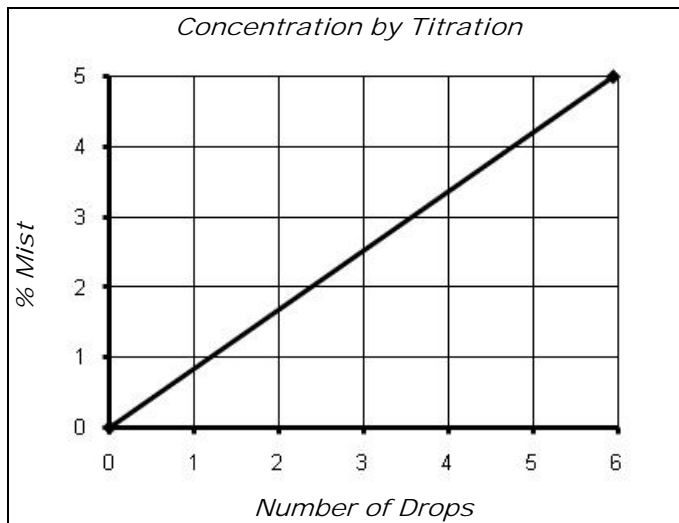
- MIST is not recommended for use on reactive metals like magnesium or zirconium.
- MIST is not recommended for use in recirculation systems.
- The recommended concentration is 5% on all materials.
- As spray mist systems are superior methods of cooling the work piece and cutting tool, they are most effective when all of the material evaporates.
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our web site at www.masterchemical.com.

PHYSICAL PROPERTIES (TYPICAL DATA)

Color (Concentrate)	Light yellow	Flash Point.....	>219°F (104°C) ASTM D93-08 PMCC
Color (Working Solution)	Colorless	pH (Typical Operating as a Range)	8.5-9.0
Odor	Nearly odorless	Coolant Refractometer Factor % Brix.....	3.0
Form.....	Liquid	Titration Factor (CGF-1 Titration Kit).....	.0.840



% Concentration = Refractive Reading x Refractive Factor
Coolant Refractometer Factor % Brix = 3.0



% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.840

RECOMMENDED METALWORKING CONCENTRATIONS

For machining and grinding.....5%

MIXING INSTRUCTIONS

- Using premixed coolant as makeup will substantially improve coolant performance and reduce coolant concentrate purchases. The specific makeup concentration selected for your situation should balance the water evaporation rate with the coolant carryout rate.
- The use of DI or mineral-free water to mix this product will improve sump life, reduce concentrate usage, reduce carryoff, improve corrosion inhibition, etc.
- This product works best if it is premixed before adding to the spray tank.

HEALTH AND SAFETY

See the most recent SDS at 2trim.us/s/?i=1024-en-US-US.



NOTES

- Before using this product on any metals and applications not specifically recommended, consult Master Chemical Corporation.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Chemical Corporation, as this may reduce the overall performance of the product as well as result in adverse health effects and damage to the machine tool and parts. If inadvertent contamination should occur, please contact Master Chemical Corporation for recommended action.
- MIST is a colorless product and is not available with dye.
- Packaging: North America – 1-gallon jug, 5-gallon pail, 54-gallon drum, and 270-gallon tote bin.
- Packaging: Europe/Asia – 20-litre pail, 204-litre drum, and 1000-litre IBC.

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URL: 2trim.us/di/?i=36

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