



PRODUCT DATA

QUENCH GUARD G

Cutting Table Coolant, Conditioner, Rust and Corrosion Inhibitor

GENERAL DESCRIPTION:

QUENCH GUARD G is an environmentally friendly coolant, conditioner, and rust and corrosion inhibitor primarily for use in plasma and oxy-fuel cutting table systems on ferrous, stainless, non-ferrous, galvanized, and aluminum surfaces.

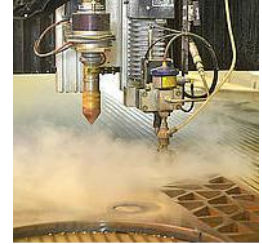
QUENCH GUARD G is designed for cutting aluminum with plasma, when proper table control, concentration ratios, fluid levels, and safety measures are followed and maintained.

QUENCH GUARD G is non-tacky, non-discernible, non-staining, easy to use, and exhibits a comprehensive surface coverage for improved cutting, performance, and protection.

QUENCH GUARD G maintains the metal integrity on precision cuts, cools and quenches cutting surfaces, protects ferrous components and processed parts from rust and corrosion, and helps keep nozzles clean and free of buildup.

QUENCH GUARD G does not contain oil, nitrites, wax, silicone and is biodegradable, non-toxic, non-hazardous, and non-flammable.

QUENCH GUARD G helps prevent odor and bacteria buildup in properly maintained systems used daily and splits tramp oils for easy removal.



PRODUCT FEATURES AND BENEFITS:

- Non-VOC
- Non-toxic
- Non-staining
- Oil/petroleum free
- Safe to use
- Economical
- Long-term use
- non-discernible
- Excellent film clarity
- Environmentally friendly
- Comprehensive coverage
- Compatible with all water types

PRODUCT APPLICATION:

QUENCH GUARD G

RECOMMENDED DILUTIONS: (When making dilutions, always add concentrate solution to water.)

5 to 7% for cutting Steel less than 4 inches thick.

10% for cutting Steel over 4 inches thick.

5 to 7% for cutting Aluminum

QUENCH GUARD G provides a long, reusable tank solution life in properly maintained systems. Note: When replacing old (other) solutions, PICO recommends a thorough cleaning of the system before adding fresh **QUENCH GUARD G**. Contact PICO for cleanout procedure.

QUENCH GUARD G does not need to be removed before pickling or welding, has no adverse effect to weld integrity or the atmosphere, and produces good integral bonding.

QUENCH GUARD G maximum protection is subject to acid-free, weather-protected environments.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor:	Clear, green fluid with mild odor
Weight / Gallon:	8.65 lbs. / gal. @ 77°F (25°C)
pH (as is):	9.5
Flash Point:	None
Film Type:	Clear, dry to the touch

This product is not recommended to be mixed with other metalworking coolants / additives, which may cause adverse effects in performance.



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The description, statements and recommended use of this product are guidelines and may vary due to supplier information and / or minor changes in formulation or manufacture, as to the date of printing. Because the use of this product is beyond the control of PICO Chemical Corporation, we assume no liability for incidental, consequential, or direct damages regardless of cause.

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