Safety Data Sheet

Product: PICO QUENCH GUARD G **PICO ID: F001638**

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: **PICO QUENCH GUARD G**
General Classification: Water-based coolant and conditioner **concentrate**

PICO Chemical Corporation
400 E. 16th Street
Chicago Heights, IL 60411
Telephone: 708-757-4910
Fax: 708-757-4940
Website: www.picochemical.com

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification of Mixture - OSHA/HCS Status:
Eye Irritant – Category 2B

Label Elements:

	Signal Word	Hazard Statement
No pictogram	Warning	Causes eye irritation.

Precaution Statements:
Wash face, hands and any exposed skin thoroughly after handling.
Observe good hygiene practices daily.

Response Precaution Statements:
Eye Contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention.
Skin Contact: If on skin, wash with plenty of soap and water.
Ingestion: If swallowed, rinse mouth. Do NOT induce vomiting.
Inhalation: If exposed or concerned, get medical advice / attention.

SECTION 3 – COMPOSITION / IDENTITY INFORMATION

Chemical	CAS No.	Percent
Triethanol Borate	283-56-7	3-8%

The exact composition and percentages of materials present in this product are proprietary trade secrets and are withheld as provided for by OSHA Hazard Communication Rule 29 CFR 1910.1200.

SECTION 4 – FIRST AID MEASURES

Eye Contact:
Immediately flush the eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If redness or irritation persists, seek medical attention.

Skin Contact:
Thoroughly wash with soap and water. Launder contaminated clothing before reuse.

Ingestion:
Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if feeling unwell.

Inhalation:
Remove the exposed person to fresh air. If breathing is difficult, seek medical attention immediately.

First Aid Notes to Physician:
No additional information is available.

Date Prepared: 26 September 2023
Supersedes Date: 25 October 2022

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point:	None	**LEL:**	Not applicable
Method Used:	Not applicable	**UEL:**	Not applicable
Flammability Classification:	Non-flammable		

Fire & Explosion Hazards:

None expected.

Decomposition Products:

Upon decomposition, this product may emit oxides of carbon, nitrogen, and other organic vapors.

Extinguishing Media:

Use dry chemical, foam, carbon dioxide, and/or water fog.

Special Fire-Fighting Procedure:

None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Stop the flow of material, if this can be done without risk. Dike and prevent material from entering drains, sewers, or waterways. Absorb with dry/inert absorbent material, and transfer into recovery drum for disposal. Dispose of in accordance with local, state, and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes. Use with adequate ventilation. Follow all SDS/label precautions. Observe good hygiene practices daily.

Storage:

Keep container closed when not in use. Store in a dry, well-ventilated place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

A. General Product Information

Follow all applicable exposure limits.

B. Component Exposure Limits

No information is available for the product.

Engineering Controls:

Provide ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face Protective Equipment:

Wear appropriate eye protection to prevent eye contact.

Skin Protection:

Wear appropriate personal protective clothing to prevent prolonged or repeated skin contact, when necessary. The worker should practice good personal hygiene daily.

Respiratory Protection:

If ventilation is not sufficient to effectively prevent build-up of mists or vapors, appropriate NIOSH/MSHA respiratory protection is required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	**Appearance:**	Clear green
Odor:	Mild	**Vapor Pressure:**	18 mm Hg @ 68°F (20°C)
Vapor Density:	ND (air = 1)	**Boiling Point:**	212°F (100°C)
Weight/Gallon:	8.65 lbs./gal. @ 77°F (25°C)	**pH (as is):**	9.5
Viscosity:	ND	**VOC:**	ND
Solubility in Water:	Complete	**Evaporation Rate:**	0.40 (butyl acetate = 1)
Percent Volatile:	ND	**Percent Solids:**	ND

SECTION 10 – STABILITY AND REACTIVITY INFORMATION

Chemical Stability:

Stable under normal conditions.

Conditions to Avoid:

Avoid freezing.

Incompatibility:

Do not expose this product to excessive strong oxidizers.

Decomposition Products:

Upon decomposition, this product may emit oxides of carbon, nitrogen, and other organic vapors.

Hazardous Polymerization:

Will not occur.

SECTION 11 – TOXICOLOGY INFORMATION

Acute Toxicity:

A. General Product Information:

No information is available for the product.

B. Component Analysis - LD50/LC50:

No information is available for the product.

Carcinogenicity

A. General Product Information:

No information is available for the product.

B. Component Carcinogenicity:

None of this product's components is on IARC or NTP lists.

Other Toxicological Information:

No information is available for the product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

A. General Product Information
No data is available for this product.

B. Component Analysis - Ecotoxicity - Aquatic Toxicity
No data is available for this product.

Environmental Fate:
No data is available for this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

U. S. EPA Waste Numbers & Descriptions - General Product Information:
Wastes must be tested using methods described in 40 CFR Part 261. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous wastes.

Component Waste Numbers:
No data is available for this product.

Disposal Instructions:
Dispose of waste material according to local, state, federal, and provincial environmental regulations.

SECTION 14 – TRANSPORTATION INFORMATION

U. S. DOT Information:
Not regulated.

SECTION 15 – REGULATORY INFORMATION

U. S. Federal Regulations

A. General Product Information
No additional information is available.

B. Component Analysis
This material contains no chemicals requiring identification under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

SARA 311/312: **Acute:** Yes **Chronic:** No **Fire:** No **Pressure:** No **Reactive:** No

U. S. State Regulations

A. General Product Information
No information is available.

B. Component Analysis - State
No information is available.

Other Regulations

A. General Product Information
All components are on the U.S. EPA TSCA Inventory List.

B. Component Analysis – Inventory
No information is available.

C. Component Analysis – WHMIS IDL
No information is available.

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SECTION 16 – OTHER INFORMATION

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NFPA Ratings: **Health:** 1 **Fire:** 0 **Reactivity:** 0 **Other:**
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
* = Chronic hazard

HMIS Ratings: **Health:** 1 **Fire:** 0 **Reactivity:** 0 **Personal Protection:**
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Key/Legend:

ACGIH = American Conference of Governmental Industrial Hygienists	NFPA = National Fire Protection Association
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act	NIOSH = National Institute for Occupational Safety and Health
EPA = Environmental Protection Agency	NTP = National Toxicology Program
HMIS = Hazardous Material Identification System	OSHA = Occupational Safety and Health Administration
IARC = International Agency for Research on Cancer	SARA = Superfund Amendments and Reauthorization Act
MSHA = Mine Safety and Health Administration	TSCA = Toxic Substance Control Act
TWA = Time Weighted Average	STEL = Short Term Exposure Limit
TCC = Tag Closed Cup	PMCC = Pensky Martin Closed Cup
TOC = Tag Open Cup	DOT = Department of Transportation
ND = Not Determined	NA or N/A = Not Available
LEL = Lower Explosion Limit	UEL = Upper Explosion Limit

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