



# SAFETY DATA SHEET

Date Issued : 09/24/2021

PICO ID: F007671

## VernGuard

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT TRADE NAME:** VernGuard

**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](http://www.picochemical.com)

**NFPA**



**HMIS**

1	HEALTH HAZARD
0	FLAMMABILITY
0	INSTABILITY
	PROTECTIVE EQUIPMENT

### 2. HAZARDS IDENTIFICATION

**GHS Classification of Mixture - OSHA/HCS Status**

EYE IRRITANT - Category 2B

No Pictogram	SIGNAL WORD Warning	HAZARD STATEMENT Causes eye irritation
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**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.

### 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.

### 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.



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### 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.

## 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.

## 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.

## 7. HANDLING AND STORAGE

### Handling:

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

### Storage:

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

## 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.



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### Respiratory Protection:

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Odor:** Mild

**Vapor Density:** ND (air = 1)

**Weight/Gallon:** 8.51 lbs. / gal. @ 77°F (25°C)

**Viscosity:** ND

**Solubility in Water:** Complete

**Percent Volatile:** ND

**Appearance:** Clear Blue

**Vapor Pressure:** 18 mm Hg @68°F (20°C)

**Boiling Point:** 212°F (100°C)

**pH (as is):** 9.0 pH

**VOC:** 0.064 lbs. / gal.

**Evaporation Rate:** 0.40 (butyl acetate = 1)

**Percent Solids:** ND

## 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.

## 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.

## 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.



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### 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.

### 14. TRANSPORTATION INFORMATION

#### U. S. DOT Information:

Not regulated.

### 15. REGULARITY 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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## 16. OTHER INFORMATION

Date Prepared: 24 September 2021

Supersedes Date: NEW

**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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