

TOXGUARD

SDS

Safety Data Sheet

+32 Coolant

SECTION 1: IDENTIFICATION

Product name Toxguard Fluid Technologies +32 Coolant

Description An aqueous solution of nitrites, nitrates, and sodium tetraborate.

Supplier's details

Name Toxguard Fluid Technologies, Inc.
Address 11942 Western Ave.
Stanton, CA 90680
Telephone (714) 698-3400
Fax (714) 698-3404

Emergency phone number(s)

Professional Emergency Resource Services
Domestic Shipments: 800-633-8253
International Shipments: 8014-629-0667

SECTION 2: Hazard identification

GHS classification in accordance with OSHA (29 CFR 1910.1200)

Skin corrosion/irritation, Cat. 3
Eye damage/irritation, Cat. 2B

GHS label elements, including precautionary statements

Signal word	Warning
Hazard Statements:	
H316	Causes mild skin irritation
H303	May be harmful if swallowed
H320	Causes eye irritation

Precautionary Statements:

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Prevention: Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response: 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. IF SWALLOWED: Rinse mouth. Call a poison center or doctor/physician if you feel unwell. Get medical advice/attention if you feel unwell.

Disposal: Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

PHYSICAL / CHEMICAL HAZARDS

No significant hazards.

HEALTH HAZARDS

High-pressure injection under skin may cause serious damage. Ingestion may cause serious adverse effects and may be fatal. May cause kidney failure and central nervous system effects. Prolonged exposure to elevated concentrations of mist or liquid may cause irritation of the skin, eyes, and respiratory tract. Excessive exposure may result in eye, skin, or respiratory irritation.

ENVIRONMENTAL HAZARDS

No significant hazards.

NFPA Hazard ID: Health: 1 Flammability: 0 Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Proprietary Additives and Inhibitors

Concentration <2 %

CAS no. Not Applicable

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume. As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4: First-aid measures

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INHALATION

Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

SKIN CONTACT

Wash area with soap and water. Seek medical attention if irritation persists.

EYE CONTACT

Flush thoroughly with water for 15 minutes. If irritation occurs, get medical assistance.

INGESTION

Induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS anything by mouth.

NOTE TO PHYSICIAN

Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

SECTION 5: Fire-fighting measures

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

FIRE FIGHTING

Fire Fighting Instructions: Material will not burn. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Unusual Fire Hazards: Hazardous material. Firefighters should consider protective equipment indicated in Section 8.

FLAMMABILITY PROPERTIES

Flash Point [Method]: N/A

Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D

Autoignition Temperature: N/D

SECTION 6: Accidental release measures

SPILL/LEAK PROCEDURES: Notify safety personnel evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All clean up personnel should wear proper personal protective equipment.

SMALL SPILLS: Clean with inert absorbent and place in recovery drums for disposal.

LARGE SPILLS: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations.

SECTION 7: Handling and storage

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Handling Precautions: Wash thoroughly after handling. Do not get into eyes, on skin or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

Storage Requirements: Store in clean, dry locations away from excessive heat.

SECTION 8: Exposure controls/personal protection

Control parameters

N/A

Appropriate engineering controls

No special requirements under ordinary conditions of use and with adequate ventilation. Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Nitrile rubber, PVC or Neoprene gloves are suitable protective materials.

Body protection

Where splashing is possible, full chemically resistant protective clothing, rubber apron and boots are required.

Respiratory protection

Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. Use a NIOSH approved organic vapor and gas respirator with mist filter

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear Green or Pink Liquid
Odor	None
pH	8
Freezing point	N/A
Initial boiling point and boiling range	212 - 324 F
Flash point	None (PMCC)
Relative density	1.09 @ 73 °F
Solubility(ies)	Complete (water)
Vapor Density	>1

SECTION 10: Stability and reactivity

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Chemical stability

Stable under recommended handling and storage conditions.

Possibility of hazardous reactions

Polymerization cannot occur.

Conditions to avoid

Excessive heat and open flame.

Incompatible materials

Strong oxidizing agents and reducing agents

Hazardous decomposition products

Carbon Monoxide and Carbon Dioxide

SECTION 11: Toxicological information

Toxicity for substances

<u>Hazard Class</u>	<u>Conclusion / Remarks</u>
Inhalation	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Acute Toxicity (Human): LDLo 100 ml	Moderately toxic. Based on assessment of the components.
Skin	
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on assessment of the components.
Skin Corrosion/Irritation: No end point data for material.	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
Eye	
Serious Eye Damage/Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: No end point data for material.	Not expected to be a skin sensitizer. Based on assessment of the components.
Aspiration: Data available.	Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.
Germ Cell Mutagenicity: No end point data for material.	Not expected to be a germ cell mutagen. Based on assessment of the components.
Carcinogenicity: No end point data for material.	Not expected to cause cancer. Based on assessment of the components.
Reproductive Toxicity: No end point data for material.	Not expected to be a reproductive toxicant. Based on assessment of the components.
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: No end point data for material.	Concentrated, prolonged or deliberate exposure may cause organ damage. Based on assessment of the components.

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The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--

1 = NTP CARC

2 = NTP SUS

3 = IARC 1

4 = IARC 2A

5 = IARC 2B

6 = OSHA CARC

SECTION 12: Ecological information

Toxicity

This material is not expected to be harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

This material is expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material. The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of waste in accordance with Federal, State and Local laws. Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses transformations, mixture, processes, etc., may render the resulting material hazardous (see waste classification)

Disposal of contaminated packaging

Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

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SECTION 14: Transport information

DOMESTIC: Not regulated for transport.

EXPORT: Not regulated for transport.

SECTION 15: Regulatory information

U.S. FEDERAL REGULATIONS OSHA: Considered to be a hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III

Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n): IMMEDIATE (acute) HEALTH HAZARD

Section 313(40CFR372): This product does not contains ingredients which are subject to the reporting requirements of SARA 313:

SECTION 16: Other information

Further information/disclaimer

The information contained herein is provided in good faith and believed to be correct as of the date hereof. Toxguard makes no representation as to the comprehensiveness or accuracy of the information. This product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to ensure safe workplace operations. Please consult your local sales representative for any further information.