



Safety Data Sheet
SPX Nitrite Free ELC 50/50

SECTION I - IDENTIFICATION

	<p>Pilot Thomas Logistics 201 North Rupert Street Fort Worth, TX 76107 844-785-8326 PERS : 1-800-633-8253 CUSTOMER #1898</p> 
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Product Number
Product Name SPX Nitrite Free ELC 50/50
Synonyms
CAS Number Multiple
Date Prepared 5/3/2019
Revision Number 5/3/2019
Recommended Use Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Acute Toxicity, Oral	Category 4
Serious Eye Damage/Eye Irritation	Category 2B

WARNING!

GHS LABEL:



Hazard Statements

H302	Harmful if swallowed
H320	Causes eye irritation

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Precautionary Statements

- P264 Wash... thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P330 Rinse mouth.
- P337+313 If eye irritation persists get medical advice/attention.
- P501 Dispose of contents/container to: local/regional/national/international regulations.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Antifreeze Inhibitors*	Proprietary	<4%		
Water	7732-18-5	Balance	Not Established	Not Established
Dye (may be with or without)	N/A	<1%	Not Established	Not Established
Monoethylene Glycol	107-21-1	~50%	Not Established	100 mg/m3

SECTION IV - FIRST AID MEASURES

- Contact with eyes:** Wash immediately and continuously with flowing water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
- Skin contact:** Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use.
- Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.
- Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION V - FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Product is not flammable. Use water, fog, foam, carbon dioxide, or dry chemical on fires involving this product. Use appropriate media for adjacent fire. Cool unopened containers with water.
- Special Fire Fighting Procedures** Do not release runoff from fire control methods to sewers or waterways. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode. Full protective equipment including SCBA should be used during a fire. During emergency conditions, overexposure to decomposition products may cause a health hazard.

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Symptoms may not be immediately apparent. Seek medical attention.

Unusual Fire Fighting Hazards: Closed containers may rupture or explode due to steam pressure build-up when exposed to extreme heat. Water may be used to cool closed containers. May emit toxic fumes (oxides of carbon) under fire conditions.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate Personal Protective Equipment recommended in Section 8.

Environmental Precautions: Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

Methods for Cleaning Up: Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of aerosols. Store in a cool, dry, well ventilated area. Store only in containers that are resistant to alkaline solutions. Keep away from incompatible materials.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Antifreeze Inhibitors*	Proprietary		
Water	7732-18-5	Not Established	Not Established
Dye (may be with or without)	N/A	Not Established	Not Established
Monoethylene Glycol	107-21-1	Not Established	100 mg/m ³

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Do not eat, drink or smoke in areas where this chemical is used or stored. Have eye wash stations and safety showers readily available. Keep away from food and drink. Always observe good personal hygiene measure, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Wear safety glasses with un-perforated side shields. Impervious apron and work boots recommend where splashing may occur.

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Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Odor	
pH@25°C	8.0 - 9.0
Melting/Freezing Point	-36°C
Flashpoint	NDA
Specific Gravity	1.05
Solubility	Soluble
Auto-Ignition Temperature	NDA
Decomposition Temperature	NDA
VOC Content	
Odor Threshold	NDA
Boiling Range	109°C
Evaporation Point	<0.01 (Butyl Acetate=1)
Flammable Limits - Upper	NDA
Flammable Limits - Lower	NDA
Vapor Pressure	10 mmHg @ 20°C
Vapor Density (Air=1)	2.1 (Air=1)
Viscosity	NDA

SECTION X - STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Extremely high or low temperatures.
Hazardous Decomposition/Byproducts:	Carbon oxides (CO, CO ₂).
Hazardous Polymerization:	Will not occur.
Polymerization Conditions to Avoid:	None known.
Incompatibilities:	Strong acids and oxidizers

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Routes of entry: inhalation, skin & eyes, ingestion, skin absorption

Inhalation: Irritation of nose and or throat, drowsiness, headache, nausea.

Eye Contact: Eye burns, watering eyes, and redness.

Skin Contact: Brief contact is not irritating. Prolonged contact, as well as clothing wetted with material may cause defatting of skin or irritation, seen as local redness with possibility of mild discomfort.

Ingestion: Toxic when swallowed. Lethal dose for adults is 1-2mL per kilogram. Symptoms of exposure may include headache, weakness, confusion, nausea, dizziness, staggering gait, slurred speech, loss of concentration, faintness, vomiting, increased heart rate, decreased blood pressure, difficulty breathing, and pulmonary edema. Severe poisoning may cause death.

Acute Toxicity Value: See Health Hazards above.

Chronic (Long Term) Effects: See Health Hazards above.

Toxicity:

Component Name	LD50	LC50
Antifreeze Inhibitors*		
Water	Not Established	Not Established
Dye (may be with or without)	Not Established	Not Established
Monoethylene Glycol	Oral, mouse 5500 mg/kg; Oral, rat 4700 mg/kg; Dermal, rabbit	Inhalation, rat 10876 mg/kg

Reproductive Effects Not Applicable

Teratogenicity Not Applicable

Mutagenicity Not Applicable

Embryotoxicity Not Applicable

Sensitization to Product Not Applicable

Synergistic Products Not Applicable

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Carcinogenicity Not Listed as a Carcinogen

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Readily biodegradeable.

BioAccumulation: No data available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State, and Local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Hazardous Goods

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X				

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SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION XVI - OTHER INFORMATION
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HMIS Health: 2

HMIS Flammability: 0

HMIS Reactivity: 0

Additional:

Specification Information

Department issuing data sheet:

Email address:

Training necessary:

Disclaimer: