



# SAFETY DATA SHEET

Date Issued: 12-20-2019  
Supersedes: 9-27-2018

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: PIONEER BRITE ARMOR GUARD

PRODUCT NUMBER: 107310; 107311; 107312

Recommended use: Cleaner/protectant for vinyl

Supplier Name: PIONEER BRITE, INC.  
1381 HEISTAN PLACE  
MEMPHIS, TN 38104

Ph: 901-725-7695  
Internet Address: [www.pioneerbrite.com](http://www.pioneerbrite.com)

Emergency Response: INFOTRAC  
USA: 1-800-535-5053  
INT'L: 011-1-352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification for the Product

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Signal Word: None required  
Hazard Statements: None required  
Precautionary Statements: None required

Hazards not otherwise classified (HNOC): Not applicable

Other information: May be irritating to skin and eyes. Harmful to aquatic life.  
Interactions with Other Chemicals: No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Polydimethylsiloxane	63148-62-9	15 - 25
Glycerin	56-81-5	1 - 5
Propylene glycol	57-55-6	1 - 5
Disodium cocoampho dipropionate	68604-71-7	0.1 - 1
Methanol	67-56-1	0.1 - 1

Balance is water and similar non-hazardous ingredients. Fragrance added.

## 4. FIRST AID MEASURES

General Advice Show this safety data sheet to the doctor in attendance.

### First aid measures:

**Eye Contact** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses after the first five minutes if present, then continue rinsing eye. If irritation occurs and persists, seek medical advice.

**Skin Contact** Flush immediately with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical advice.

**Inhalation** If symptoms develop, move victim to fresh air and seek medical advice.

**Ingestion** Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms develop, seek medical advice.

**Most Important Symptoms and Effects:** May be irritating to skin and eyes. May be irritating to the mouth, throat and stomach. May be irritating to respiratory tract.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Water spray (fog). Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam  
**Unsuitable extinguishing media:** Not determined  
**Specific Hazards Arising from the Chemical:** Product is not flammable.  
**Hazardous Combustion Products:** Carbon oxides. Phosphorus oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact:** No

**Sensitivity to Static Discharge:** No

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Avoid contact with eyes.  
**Environmental Precautions:** Prevent from entering soil, ditches, sewers, waterways and/or ground water.  
**Methods for Containment:** Prevent further leakage or spillage if safe to do so.  
**Methods for cleaning up:** Floor may become slippery. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Rinse area with water.

**7. HANDLING AND STORAGE**

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.  
**Storage:** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from incompatible materials. Keep from freezing. Keep out of reach of children.  
**Incompatible Products:** Acids. Oxidizers. Caustics.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerine 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 15 mg/m <sup>3</sup> mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits

NIOSH IDLH - National Institute for Occupational Safety and Health - Immediately Dangerous to Life or Health

**Engineering Measures:** General ventilation normally adequate.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** No special equipment required, but it is always good practice to use safety goggles when handling chemicals.

**Skin and Body Protection** No special equipment required, but it is always good practice to wear protective gloves when

**Respiratory Protection**

handling chemicals.

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation, respirator or evacuation may be required.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Floral
<b>Color</b>	White	<b>Odor Threshold</b>	No information available

**Chemical Properties**

	<b>Values</b>
<b>pH (as is)</b>	7.0 – 9.0
<b>Melting / freezing point</b>	No data available
<b>Boiling point /boiling range</b>	No data available
<b>Flash Point</b>	No data available F
<b>Evaporation Rate</b>	No data available
<b>Flammability</b>	No data available
<b>Lower flammability limit</b>	No data available
<b>Vapor density</b>	No data available
<b>Specific Gravity</b>	0.997
<b>Water Solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Softening Point</b>	No data available
<b>VOC Content (by weight)</b>	0.192% (1.92 g/L)
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

This product is compliant with California Air Resources Board (CARB) regulations on Volatile Organic Compounds (VOC).

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive under normal conditions.
<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	None known
<b>Incompatible materials:</b>	None known.
<b>Hazardous Decomposition Products:</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Specific test data for the product is not available.
<b>Eye Contact</b>	Specific test data for the product is not available.
<b>Skin Contact</b>	Specific test data for the product is not available.
<b>Ingestion</b>	Specific test data for the product is not available.

**Component Information:**

Chemical Name / CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	=20000 mg/kg (Rat)	=20800 mg/kg (Rabbit)	-
Glycerin 56-81-5	-	>10 g/kg (Rabbit)	-

## Information on toxicological effects

**Symptoms** No information available.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** Contains no ingredient listed as a carcinogen.  
**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic Toxicity** No known effect.  
**Target Organ Effects** Eyes. Kidney. Respiratory system. Skin  
**Aspiration Hazard** No information available.

## Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 74,558.00 mg/kg

ATEmix (inhalation – dust/mist): 418.02 mg/l

ATEmix (inhalation –vapor): 2,503.00

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** The environmental impact of this product has not been fully investigated.

Chemical Name / CAS#	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganism	Daphnia Magna (Water Flea)
Propylene Glycol 57-55-6	96h EC50: = 19000 mg/L (Pseudokirchnerie lla subcapitata)	96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mL/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas)	-	24h EC50: > 10000 mg/L 48h EC50: > 1000 mg/L
Glycerin 56-81-5		96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)		24h EC50: > 500 mg/L
Secondary Alcohol ethoxylated 84133-50-6		96h LC50: = 3.2 mg/L (Pimephales promelas)		48h EC50: = 3.2 mg/L

**Persistence and Degradability:** No information available.

## Bioaccumulation:

Chemical Name / CAS#	Log Pow
Glycerin 56-81-5	-1.76

**Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** This material is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes** 331

## 14. TRANSPORT INFORMATION

24-HR EMERGENCY PHONE: 1-800-535-5053 INFOTRAC. INT'L: 011-1-352-323-3500

DOT/ TDG/ MEX/ ICAO/ IATA/ IMDG/IMO: Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA(US)** Complies  
**DSL (Canada)** All components are listed either on the DSL or NDSL.

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### California Proposition 65



**WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Propylene Glycol 57-55-6	X		X		
Glycerin 56-81-5	X	X	X	X	
Methanol 67-56-1	X	X	X	X	X

### International Regulations

Canada

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical &amp; chemical Hazards –</b>
<b>HMIS</b>	<b>Health Hazards 0</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<b>Personal protection X</b>

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**Prepared By:** Regulatory Specialist

*All information contained in this SDS is provided to the best of Suppliers' knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.*