

VaporAde Plus

Preparation Date: 2/14/17

1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** VaporAde Plus  
**Recommended use:** Cleaning  
**Manufacturer, supplier:**  
 Fire Service Plus, Inc.  
 180 Etowah Trace  
 Fayette, GA 30214  
 Phone 770-460-7793  
**Emergency Contact Telephone number:** 770-460-7793

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	1
Flammability	0
Physical Hazard	0



2. HAZARDS IDENTIFICATION

GHS Classification

Serious Eye Damage Category 1  
 Skin irritation Category 2  
 Acute Oral toxicity Category 4

GHS Label Element



Hazard Pictograms:

Signal Word: Danger

Hazard Statements

Harmful if swallowed  
 Causes skin irritation  
 Causes serious eye damage.

Precautionary Statements:

**Prevention:** Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves and eye protection.

Response:

**Principal routes of exposure:** Eye contact, Skin contact, Inhalation, Ingestion.

**Skin:** Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

**Eyes:** Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

**Inhalation:** If symptoms occur move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

**Ingestion:** If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
Sodium salt of hexanoic acid	10051-44-2	<1
Proprietary surfactant blend	NA	10-15
Diethylene glycol monobutyl ether	112-34-5	2-8

4. FIRST AID MEASURES

**Skin contact:** Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

**Eye contact:** Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.  
**Inhalation:** If symptoms occur, move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.  
**Ingestion:** If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

## 5. FIRE-FIGHTING MEASURES

**Fire Fighting Procedure:** Use water vapor, foam or fog. Firefighters should wear proper protective equipment.  
**Fire Hazard:** N/A  
**Flash Point (F°, TCC):** None  
**Flammable Limits: LEL:** N/A

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Clean Up:** Wear appropriate protective equipment (see Section 8). Absorb with an inert material and put spilled material in appropriate waste disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Keep container closed. Wash thoroughly after handling.  
**Storage:** Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
 No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

**Eyes:** Safety eyewear should be used when there is a likelihood of exposure.  
**Hand:** For prolonged or repeated handling wear impervious chemical resistant gloves.  
**Skin:** Wear normal work place attire.  
**Respiratory:** Avoid breathing vapors, spray or mists.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Diethylene glycol monobutyl ether	112-34-5	10 ppm		

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	dark amber liquid
Odor	mild pleasant clean smell
Upper and lower flammability or explosive limits	not available
Vapor pressure	not available
Odor threshold	not available
Vapor density	not available
pH	7-9
Relative density	0.98-1.02
Melting point/freezing point	not available
Boiling Point deg. F	not available
Solubility water	soluble
Initial boiling point and boiling range	not available
Flash point	not available
Evaporation rate	not available
Auto-ignition temperature	not available
Decomposition temperature	not available
VOC content (%)	<6
Viscosity	not available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Incompatibility:** Strong oxidizing agents.  
**Polymerization:** Will not occur.  
**Hazardous Decomposition:** Carbon monoxide, carbon dioxide, and other organic materials.

## 11. TOXICOLOGICAL INFORMATION

**Toxicity to animals:** **diethylene glycol monobutyl ether**  
Oral (LD50) Acute: 2410 mg/kg mouse  
Dermal (LD50) Acute: 2764 mg/kg rabbit

## 12. ECOLOGICAL INFORMATION

**Ecological Information:** Not available.  
**Biodegradable/OECD:** Not available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

**Classification:** Non-hazardous waste

## 14. TRANSPORT INFORMATION

Under DOT code 55 for shipping

Note: DOT classification does not necessarily apply to all sizes. For specific container size exceptions, refer to the Bill of Lading with your shipment.

## 15. REGULATORY INFORMATION

**SARA 313 toxic chemical notification and release reporting:** No product found  
**Clean Water Act (CWA) regulated substance:** No product found  
**Clean Air Act (CAA) 112 regulated toxic substances:** No product found  
**State Regulations:** The following ingredients appear on various State's Right to Know lists and/or California's Proposition 65 list:

Ingredient(s)	CAS #	State List
None		

### SARA 311/312 Hazard Categories

**Immediate:** -  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

### Canada

WHMIS Hazard Class:

## 16. OTHER INFORMATION

**Reason for revision:** Format revision  
**Additional advice:**

### *Notice to Reader:*

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