

# MATERIAL SAFETY DATA SHEET

# VaporTrax 1100

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## I - Product Identification

### VaporTrax 1100

**PRODUCT CODE:** 0158667

**CHEMICAL FORMULATION:** Water based surfactant blend.

**NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1**

**FLAMMABILITY: 0**

**REACTIVITY: 0**

**HAZARD RATING:** 4 - Extreme;

3 - High;

2 - Moderate;

1 - Slight;

0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
	<u>%</u>	<u>PEL</u>	<u>TLV</u>	<u>302</u>	<u>355</u>	<u>372</u>	
Poly (oxyethylene) nonlyphenol	5.00-10.0	N/E	N/E	N	N	N	9016-45-9
Ethoxylated octyl phenol	< 2.00	N/E	N/E	N	N	N	9036-19-5

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **C:** Ceiling level **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No  
**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
**355:** SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
**372:** SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

**BOILING POINT (°F):** N/D

**SPECIFIC GRAVITY (WATER = 1):** 1.01

**VAPOR PRESSURE (mm Hg):** N/D

**VOC CONTENT (% by weight):** < 1.00

**VAPOR DENSITY (AIR = 1):** N/D

**EVAPORATION RATE (WATER = 1):** N/D

**SOLUBILITY IN WATER:** Soluble

**pH:** 6.9-7.5

**APPEARANCE AND ODOR:** Clear to slightly hazy, colorless liquid; detergent odor.

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** N/A

**(TEST METHOD):** Closed cup

**FLAMMABLE LIMITS IN AIR (VOLUME %)**

**UPPER:** N/D

**LOWER:** N/D

**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** None.

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**V - Reactivity Data**

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**STABILITY:** Stable**INCOMPATIBILITY:** None.**CONDITIONS TO AVOID:** None.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY INHALATION:**                      **EYE CONTACT:** X                      **SKIN CONTACT:** X                      **INGESTION:** X**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Mild to moderate irritation and redness.**IF ON SKIN:** Redness, dryness and irritation, with prolonged or repeated exposure. **IF****SWALLOWED:** Gastrointestinal irritation, nausea, cramps, vomiting.**IF INHALED:** None expected under normal use.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Flush skin with water while removing contaminated clothing. If irritation persists, obtain medical attention. Launder clothing before reuse.**IF SWALLOWED:** Contact physician or poison control center immediately. Rinse mouth with water and give affected person one to two glasses of water. Do not induce vomiting. Never give anything to an unconscious person.**IF INHALED:** Remove person to fresh air.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or wash away with water.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses or chemical goggles**OTHER PROTECTIVE EQUIPMENT:** Eye wash station.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None**DOT CLASS:** None**DOT ID NUMBER:** None**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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