



**CEASEFIRE™ LIQUID**  
**FIRE RETARDANT ADDITIVE**  
**Material Safety Data Sheet**

**SECTION I - PRODUCT IDENTIFICATION**

<b>PRODUCT NAME:</b>	CEASEFIRE Liquid	<b>CAS NUMBER:</b>	Registered Trade Secret
<b>PRODUCT CODE:</b>	CEASEFIRE Liquid	<b>COMPANY NAME:</b>	New Line Safety LLC
<b>PRODUCT CLASS:</b>	Flame retardant	<b>EMERGENCY TEL:</b>	973-465-0077
		<b>DATE PREPARED:</b>	20 January 2011
		<b>NAME OF PREPARER:</b>	Phillip Rhodes

**SECTION II - HAZARDS IDENTIFICATION**

<b>HAZARD DESCRIPTION:</b>	Not applicable.
<b>INFORMATION CONCERNING PARTICULAR</b>	The product does not have to be labeled due to the calculation procedure of the "General Classification
<b>HAZARDS FOR HUMAN AND ENVIRONMENT:</b>	Guidelines" in the latest valid version.
<b>GHS LABEL ELEMENTS:</b>	Void.

**SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**  
**CHEMICAL CHARACTERIZATION**

<b>IDENTIFICATION NUMBER(S)</b>	
<b>CAS NUMBER:</b>	Registered Trade Secret
<b>CHEMICAL CHARACTERIZATION</b>	
<b>DESCRIPTION:</b>	Dialkyl Alkyl Phosphonates
<b>DANGEROUS COMPONENTS:</b>	Void
<b>ADDITIONAL INFORMATION:</b>	For wording of listed risk phrases refer to sect.16.

**SECTION IV - FIRST AID MEASURES**

<b>AFTER INHALATION:</b>	Remove from further exposure. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.
<b>AFTER SKIN CONTACT:</b>	Remove contaminated clothing, including shoes, and wash skin with plenty of soap and water. If irritation occurs, seek medical advice. Wash contaminated clothing and shoes before reuse.
<b>AFTER EYE CONTACT:</b>	Immediately flush eyes with plenty of water for at least 15 minutes while holding



---

eyelids open. If irritation persists, seek medical attention.

**AFTER SWALLOWING:** Wash mouth out with water and keep at rest. Seek medical attention.

---

#### SECTION V - FIRE FIGHTING MEASURES

---

**FLASH POINT:** 150OC (closed cup)

**AUTO IGNITION TEMP:** N/A

**FLAMMABILITY LIMITS:** Non-flammable

**EXTINGUISHING MEDIA:** In case of fire, use Carbon Dioxide, Dry Chemical, dry sand, or limestone

**SPECIAL FIRE FIGHTING PROCEDURSE AND PRECAUTIONS:** Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. Do not enter a confined space without full bunker gear, including a positive pressure NIOSH approved by self contained breathing apparatus. During fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

---

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

---

**SPILL OR LEAK PROCEDURES:** Remove all sources of ignition and ventilate the area. Dike and contain spilled material and control further spillage if feasible. Cover spill with clay, sand, sawdust, vermiculite, Fuller's earth, or other suitable absorbent. Collect material in non-leaking containers and seal tightly for disposal. Refer to section 123 for disposal information.

---

#### SECTION VII - HANDLING AND STORAGE

---

**HANDLING:** Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin, and clothing. Employee education and training in the safe use and handling of this material are reacquired under the OSHA Hazard communication standard. Use with adequate ventilation.

**STORAGE:** Store indoors in a cool, dry place away from heat, sparks and flame. Keep containers tightly closed when not in use. Keep away from acids and oxidizers. Do not store in iron or other reactive metal containers.

---

#### SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

---

**EYE PROTECTION:** Full face shields with goggles underneath. Contact lenses should not be worn.

**SKIN PROTECTION:** Avoid contact with skin and clothing. Use chemical resistant protective gloves such as neoprene rubber gloves, nitrile rubber gloves, cuffed butyl rubber gloves, and other impermeable gloves.

**RESPIRATORY PROTECTION:** Avoid breathing dust. Avoid breathing aerosols and mists. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. Observe OSHA regulations for respirator use (29 CFR 1910.134).

---



---

**VENTILATION:**

Hazard control from vapor or spray mist is ideally performed by the use of engineering controls. General or local ventilation or isolation may prove adequate to keep airborne exposure below exposure limits.

---

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

---

**GENERAL INFORMATION**

<b>FORM:</b>	Liquid
<b>COLOUR:</b>	Clear - near colorless
<b>BOILING POINT:</b>	Not applicable
<b>SOLUBILITY:</b>	Soluble
<b>VAPOR DENSITY:</b>	Not applicable
<b>VISCOSITY:</b>	Approx. 120,000 cps @ 20°C
<b>EVAPORATION RATE:</b>	Not applicable
<b>SPECIFIC GRAVITY:</b>	1.31 @ 25 °C
<b>VAPOR PRESSURE:</b>	Not applicable

---

**SECTION X- STABILITY AND REACTIVITY**

---

<b>STABILITY:</b>	Stable
<b>MATERIALS TO AVOID:</b>	None Known
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>DECOMPOSITION PRODUCTS:</b>	Oxides of both phosphorous and carbon and acids of phosphorous

---

**SECTION XI - TOXICOLOGICAL INFORMATION**

---

<b>ACUTE ORAL TOXICITY (LD50, RAT):</b>	>2000 mg/kg (estimates)
<b>ACUTE DERMAL TOXICITY (LC50, RAT):</b>	>1000 mg/kg (estimates)
<b>CHRONIC DATA:</b>	No delayed, subchronic or chronic test data are known.

---

**SECTION XII - TOXICOLOGICAL INFORMATION**

---

Data not available

---

**SECTION XIII - DISPOSAL CONSIDERATIONS**

---

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

---



---

**SECTION XIV - TRANSPORTATION INFORMATION**

---

**PROPER SHIPPING NAME:**  
**HAZARD CLASS OR DIVISION:**  
**UN / NA #:**  
**PACKING GROUP:**  
**DOT PRODUCT RQ, Lb.:**  
**HAZARD PLACARD(S):**

---

**SECTION XV - REGULATORY INFORMATION**

---

**TSCA STATUS:** All ingredients in this product are listed in the TSCA inventory.

**CERCLA REPORTABLE QUANTITY:** None

**SARA TITLE III:**

**SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCE:** None

**SECTION 311/312 - HAZARD CATEGORIES:** None

**SECTION 313 - TOXIC CHEMICALS:** None

**RCRA:** It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

---

**SECTION XVI - OTHER INFORMATION**

---

**HMIS RATINGS:** Health: 1 Flammability: 0 Reactivity: 0

**REASON FOR ISSUE:** Initial issuance of new product.

---

