

Updated: January 1, 2019

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION:

PRODUCT NAME: LP Phog (All formulas)

FORMULA: Food grade or high purity grade propylene glycol, triethylene glycol and de-ionized water

2. PHYSICAL DATA:

CAS# 57-556 and 112-27-6

<i>Boiling point</i>	212-470 degrees F
<i>Melting point</i>	Not applicable
<i>Vapor pressure at 20 degrees</i>	< 0.25mm Hg
<i>Specific gravity</i>	1.082 at 20 degrees C
<i>Vapor density</i>	3.9
<i>Solubility in water</i>	Complete
<i>Evaporation rate</i>	0.003
<i>Appearance and color</i>	Water-white liquid and mild odor

3. INGREDIENTS:

The product is a mixture of very low toxicity ingredients which are of high purity or food grade. According to OSHA this product is not hazardous. The largest single component of this product is de-ionized water.

4. FIRE AND EXPLOSION HAZARD DATA:

Flash point: No flash point due to the fact this is primarily water based product.

Auto-ignition temp: Will not auto-ignite.

Flammable limits in air: %by volume: Not applicable. Not determined

Extinguishing Media: Water spray or all purpose foam, CO2 or dry chemical

Unusual Fire and Explosion Hazard: None

5. HEALTH HAZARD INFORMATION:

Ingestion: No adverse health effects reported for low dose. May cause nausea and vomiting in large doses.

Inhalation: No evidence of adverse effects from exposure to recommended levels. Sensitive persons (such as those with asthma or other reactive airway disorders) including employees or spectators, should be warned that they may experience asthma-like effects from aerosol exposures.

Skin contact: May cause minimal irritation of areas exposed to liquid.

Eye contact: If splashed in eyes, may cause minimal irritation seen as slight excess redness of the conjunctiva.

Effects of repeated overexposure: No evidence of adverse effects.

Medical condition aggravated by overexposure: Available information suggests that overexposure is unlikely to aggravate existing medical condition.

6. REACTIVITY DATA:

This material is known to be stable and does not react violently with any of the following: Air, water, heat and strong oxidizers

Conditions Contributing to Instability: None

Hazardous Polymerization: None

Conditions to Avoid: None

7. SPILL OR LEAK PROCEDURES:

Small Spills: Can be flushed into sewer if permitted by local, State and Federal Regulations.

Large Spills: Collected for disposal.

Waste Disposal Method: Disperse as permitted under appropriate State and Federal Regulations.

8. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: None required under normal conditions.

Ventilation: General room ventilation.

Protective Gloves: Rubber or polyvinyl chloride coated.

Eye Protection: Protect eyes from liquid with safety glasses

9. SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Normal precautions common to good manufacturing practice should be followed in handling and storage. Avoid repeated contact with skin and clothing. This product is intended for professional use only and should be kept out of children.

10. REGULATORY INFORMATION:

Presence of Carcinogens: None

Extremely Hazardous Substances: None

Hazardous Categorization: Not applicable

Toxic Chemicals: None

Hazardous Substances: None

Cancer and/or reproductive toxicity: None