

# SAFETY DATA SHEET

## Hynautic Propylene Glycol

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

**DISTRIBUTOR:** Griffin Bros., Inc.  
455 Marion Street SE  
Albany, OR 97322  
(800) 456-4743

**INFORMATION:**

**EMERGENCY PHONE:** **Chemtrec:** (800) 424-9300

**PRODUCT NAME:** Hynautic Propylene Glycol

**PRODUCT NUMBER:** EM-615

**DATE PREPARED:** 08/26/2015

**LAST REVISION:** 10/10/2018

**Uses:** Hynautic and similar systems

**Use Restrictions:** None known

**PURE:** ☐ **LIQUID:** ☒

**MIXTURE:** ☒ **SOLID:** ☐

### 2. HAZARDOUS IDENTIFICATION:

#### EMERGENCY OVERVIEW: Irritation

**GHS CLASSIFICATION:** Not a GHS classified product.

**GHS Label elements, including precautionary statements**

**SIGNAL WORD:** NA **PICTOGRAM:** NA

#### POTENTIAL HEALTH EFFECTS

##### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Can cause serious eye irritation

**INHALATION:** No information available

**INGESTION:** Swallowing can cause abdominal irritation, nausea, vomiting and diarrhea.

**SKIN CONTACT:** Vapors, liquid and mists are irritants to the skin. Prolonged contact may cause reddening.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation, pain, coughing, redness of skin.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

**Chemical Name**  
PROPYLENE GLYCOL

**CAS #**  
57556

**Wt. Range %**  
50%

### 4. FIRST AID MEASURES:

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**EYE CONTACT:** Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim lots of water or milk. Get medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

**SKIN CONTACT:** Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing eye, skin or respiratory conditions.

**SUPPLEMENTAL HEALTH INFORMATION:** The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

### 5. FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

#### **SPECIAL FIRE FIGHTING PROCEDURES:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known. **COMBUSTION PRODUCTS:** None known.

### 6. ACCIDENTAL RELEASE MEASURES:

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:** Do not walk through any spills without wearing proper safety attire.

High risk of slipping due to leakage/spillage of product. Small spills: Mop up, wipe up or soak up immediately. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Or soak up with inert material and shovel into poly drums for disposal. Do not allow product to enter waterways.

### 7. HANDLING AND STORAGE:

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Do not handle until all safety precautions have been read and understood. Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Wear personal protection as required per safety program. Follow all SDS/label precautions even after container is emptied. Do not store above (49 °C) 120 °F.

**OTHER PRECAUTIONS:** For industrial and institutional use only. Keep away from children. Keep containers closed while not in use.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION:

#### EXPOSURE CONTROLS:

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
PROPYLENE GLYCOL	n/a	n/a	1000ppm TLV	n/a

#### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.

**VENTILATION:** Local exhaust not required

**WORK/HYGENIC PRACTICES:** Use good personal hygiene when handling this product. Wash hands after use, before

**EYE PROTECTION:** smoking, or using the toilet. Use chemical safety goggles and/or full face shield when splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas

**PROTECTIVE GLOVES:** Rubber or other impervious material with gauntlets. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

**OTHER PROTECTIVE EQUIP:** Boots, apron, lab coat or coveralls of impervious material, as appropriate to avoid skin contact.

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eye wash facility and safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

a) <b>Appearance:</b> Blue Liquid	k) <b>Vapor pressure (mm/hg):</b> 1.11
b) <b>Odor:</b> No appreciable odor	l) <b>Vapor density (Air = 1):</b> No data available
d) <b>pH:</b> Neutral	m) <b>Relative density (Specific Gravity):</b> 1:05
e) <b>Melting point/freezing point:</b> (-68 °C) -90 °F	n) <b>Water solubility:</b> Complete
f) <b>Initial boiling point and boiling range:</b> (185 °C) 365 °F	p) <b>Auto-ignition temperature:</b> (317 °C) 603 °F
g) <b>Flash point:</b> 219 °F <b>Method Used:</b> COC	r) <b>Viscosity:</b> n/a
h) <b>Evaporation rate:</b> No data available	-) <b>Pounds Per Gallon:</b> 8.64
j) <b>Upper/lower flammability or explosive limits:</b> UEL: n/a LEL: 2.6	<b>OTHER:</b> No other data is available for this product. . . .

## 10. STABILITY AND REACTIVITY

**STABLE:** Stable under recommended storage conditions.

**INCOMPATIBILITY:** Strong Oxidizing agents

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of Carbon

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**CONDITIONS TO AVOID:** Contact with incompatible materials. Heat & Open Flame.

**11. TOXICOLOGICAL INFORMATION:** None of the components of this product are listed as carcinogens. No other data available.

**12. ECOLOGICAL INFORMATION:** Keep out of waterways. No other data available

**13. DISPOSAL CONSIDERATIONS:** Consult appropriate Federal, State, or Local regulatory agencies to ascertain proper disposal procedures.

## 14. TRANSPORT INFORMATION:

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	-	Non-Regulated Material, Liquid	- -	--

**15. REGULATORY INFORMATION:** No data available

## 16. OTHER INFORMATION:

**HMIS INFORMATION:** HEALTH: 2 FLAMMABILITY: 1 PHYSICAL HAZARD: 0 PROTECTIVE: B

**NFPA INFORMATION:** TOXICITY: 0 FIRE: 1 REACTIVITY: 0

Griffin Bros., Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information appears to be accurate, Griffin Bros., Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Griffin Bros., Inc.'s control and therefore users are responsible to verify this data under their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.