

**SAFETY DATA SHEET**

GHS format

**SECTION 1 IDENTIFICATION****Product Name:** Hydro-Therm™ PG100, Hydro-Balance**Product Number(s):** H-801, H-805, H-855**Product Use:** Leak detection**Restrictions on use:** Not determined**Distributed by:** Hydro-Balance Corporation**Manufactured by:** North American Research Corporation

P.O. Box 1318

519 Huffines Blvd.

Lewisville, TX 75067

Lewisville, TX 75056

**Telephone Numbers:** (972) 492-1800, (800) 527-7520, Fax (972) 394-6755**Emergencies:** Infotrac (24 hours, everyday) (800) 535-5053 (US & Canada) 1 (352) 323-3500 (International)**SECTION 2 HAZARD(S) IDENTIFICATION****Classification:** Not classified**Signal Word:** No signal word required.**Symbol(s):**  
None required**Hazard statement(s):** No specific phrases required.**Precaution(s):** Wash face, hands, and any exposed skin thoroughly after handling. Wear eye protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
If skin irritation occurs: Get medical advice/attention.  
Dispose of contents and container in accordance with all local, regional, and national regulations.**Other Hazards:** No other hazards identified.**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Ingredient Name</u>	<u>CAS Registry No.</u>	<u>Weight %</u>
Propylene glycol	57-55-6	70
Proprietary corrosion inhibitor	–	3-5
Deionized water	7732-18-5	Balance

If the specific chemical identity and/or the exact percentage of an ingredient is not specified, the information has been withheld as a trade secret.

**SECTION 4 FIRST-AID MEASURES****Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.**Inhalation:** Not a likely route of exposure.**Skin contact:** Wash with water. If skin irritation occurs: Get medical advice/attention.**Ingestion:** IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.**Most important symptoms/effects:** Irritation of skin or eyes.**Indication of immediate medical attention and special treatment needed, if necessary:****Notes to physician:** Treat symptomatically.**Specific treatments:** No specific treatment.**SECTION 5 FIRE-FIGHTING MEASURES****Suitable (and unsuitable) extinguishing media:**

This product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards arising from the chemical:** Not determined.**Special protective equipment for fire-fighters:** Use appropriate equipment for surrounding fire.**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precaution, protective equipment and emergency procedures:** Put on appropriate personal protective equipment (see section 8).**Methods and materials for containment and cleaning-up:** Soak up with inert, absorbent material. Sweep up and shovel into suitable containers for proper disposal. Use a water rinse for final cleanup.**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling:** Wear appropriate personal protective equipment (PPE) to prevent contact with product. Do not mix with any other product or chemical. Wash hands, face, and any exposed skin thoroughly after handling. For commercial and industrial use only by professionals trained in the field of HVACR.**Conditions for safe storage, including any incompatibilities:** KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry area. See section 10 for incompatible materials.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical name	CAS	OSHA PEL	ACGIH TLV	NIOSH REL
Propylene glycol	57-55-6	Not established	Not established	Not established

**Appropriate engineering controls:** Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required.

**Individual protection measures (PPE):**

**Eye protection:** Chemical splash goggles or face shield

**Hand protection:** Chemical-resistant gloves. Nitrile, neoprene, or other suitable material.

**Skin and body protection:** Not required when using this product.

**Respiratory Protection:** Not required when using this product.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Blue, slightly viscous liquid	U/L flammability or explosive limits	Not determined
Odor	Virtually odorless	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density	Not determined
pH	9-10	Relative density (specific gravity)	1.04
Melting point/freezing point	-60°F (-51°C)	Solubility(ies)	100% in water
Initial boiling point and boiling range	Approximately 110°C / 230°F	Partition coefficient: n-octanol/water	Not determined
Flash point	>100°C (212°F)	Auto-ignition temperature	Not determined
Evaporation rate	Not determined	Decomposition temperature	Not determined
Flammability (solid, gas)	Not determined	Viscosity	Not determined

**SECTION 10 STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** Not determined.

**Conditions to Avoid:** Incompatible materials, excessive heat and fire.

**Incompatible materials:** Oxidizing materials.

**Hazardous decomposition products:** When exposed to fire, produces normal products of combustion.

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:**

**Eye Irritation:** May cause irritation.

**Skin Irritation:** May cause irritation.

**Inhalation:** May cause irritation.

**Ingestion:** Causes burns / serious damage to mouth, throat, and stomach.

**Sensitization:** No known effects.

**Numerical measure of toxicity, component information:**

Chemical name	CAS	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Propylene glycol	57-55-6	22,000 mg/kg (rat)	20,800 mg/kg (rabbit)	–

**CHRONIC:**

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive Toxicity:** No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

**Teratogenicity:** No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

**SECTION 12 ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulation potential:** No information available.

**Mobility in soil:** No information available.

**Other adverse effects:** No known significant effects or critical hazards.

**SECTION 13 DISPOSAL CONSIDERATIONS**

**Unused product:** Dispose of container and contents in accordance with local, regional, national and international regulations.

**Contaminated containers or packaging:** Do not reuse empty containers. Triple rinse containers and offer for recycle where available.  
Dispose of packaging or containers in accordance with local, regional, national and international regulations.

**SECTION 14 TRANSPORT INFORMATION**

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT (ground), IMDG	Not regulated			
IATA	Not regulated			

**SECTION 15 REGULATORY INFORMATION**

**TSCA:** All components of this product are on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.

**CERCLA:** No reportable ingredients.

**SARA TITLE III:**

**Section 311/312 Hazard Category:** Acute: No Chronic: No Fire: No Reactive Hazard: No

**Section 313 Reportable Ingredients:** No reportable ingredients.

**CALIFORNIA (Proposition 65):** No reportable ingredients.

**SECTION 16 OTHER INFORMATION**

**Date Prepared:** Apr. 16, 2015      **Replaces:** Jun. 27, 2013

NOTICE: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all federal, state, provincial, and local laws and regulations.