



## Section 1: Identification of the Substance/Mixture and of the Company Undertaking

### Product identifier used on the label:

**Product Name:** Restore Hydrogel

### Other means of identification:

**Product Codes:** 529972, 529973, 529974, 9972, 9973, 9974

**Manufacturer MSDS Number:** 529972, 529973, 529974, 9972, 9973, 9974

### Recommended use of the chemical and restrictions on use:

**Product Uses:** Maintenance of a moist environment in stages II-IV pressure ulcers, stasis ulcers, 1st and 2nd degree burns, skin tears, cuts and abrasions.  
For external use only. Avoid contact with eyes. If condition worsens or does not improve within seven days, consult a physician.

**Product Restrictions:** Maintenance of a moist environment in stages II-IV pressure ulcers, stasis ulcers, 1st and 2nd degree burns, skin tears, cuts and abrasions.  
For external use only. Avoid contact with eyes. If condition worsens or does not improve within seven days, consult a physician.

### Chemical manufacturer address and telephone number:

**Manufacturer Name:** Hollister Incorporated

**Manufacturer Address 1:** 2000 Hollister Drive

**Manufacturer City:** Libertyville

**Manufacturer State:** Illinois

**Manufacturer Zip Code:** 60048

**Manufacturer Country:** USA

**Manufacturer Web:** www.Hollister.com

**Business Phone:** 847-680-1000

### Emergency phone number:

**Emergency Phone:** 847-680-1000

**Revision Date:** 2018-12-17

## Section 2: Hazards Identification

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### Classification of the chemical in accordance with CFR 1910.1200(d)(f):

**Signal Words:** Not applicable.

**Emergency Overview:** WARNING! Irritant.

### Product:

**GHS Class:** Not classified

**Hazard Statements:** Hxxx - Not applicable.

**Precautionary Statements:** Pxxx - Not applicable.

### Hazards not otherwise classified that have been identified during the classification process:

## Section 3: Composition/Information on Ingredients

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**Mixtures:**

Ingredient Name	CAS Number	Ingredient Percent	EC Number	Comments
Propylene Glycol	57-55-6	1 - 5 by weight		
Non hazardous ingredients	No data	>95 by weight		

**Section 4: First Aid Measures**

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**Description of necessary measures:**

- Eye Contact:** No effects anticipated. If symptoms develop, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Skin Contact:** No effects anticipated. If symptoms develop, wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Inhalation:** No effects anticipated. If symptoms persist, call a physician.
- Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed:****Indication of immediate medical attention and special treatment needed**

- Note To Physicians:** None.

**Section 5: Firefighting Measures**

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**Suitable and unsuitable extinguishing media**

- Extinguishing Media:** Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.

**Specific hazards arising from the chemical****Special protective equipment and precautions for fire-fighters**

- Fire Fighting Instructions:** Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
- Protective Equipment:** As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
- NFPA Health:** 1
- NFPA Fire:** 1
- NFPA Reactivity:** 0

**Section 6: Accidental Release Measures**

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**Personal precautions, protective equipment and emergency procedures**

- Personnel Precautions:** For large spills; Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.

**Methods and materials for containment and cleaning up**

- Methods for Containment:** For large spills; Contain spills with an inert absorbent material such as soil, sand or oil dry.
- Methods for Cleanup:** For large spills; Place into a suitable container for disposal.

**Environmental precautions**

**Environmental Precautions:** For large spills; Avoid runoff into storm sewers, ditches, and waterways.

## Section 7: Handling and Storage

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### Precautions for safe handling

**Handling:** Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.

**Special Handling:** Do not re-use empty containers.

**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage:** Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.

## Section 8: Exposure Controls/Personal Protection

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### Exposure Guidelines

#### Appropriate engineering controls

**Engineering Controls:** No special protective equipment required under normal conditions of use. Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

#### Individual protection measures

**Eye Protection:** No special protective equipment required under normal conditions of use. If splashes are likely to occur, wear: Chemical splash goggles.

**Face Protection:** No special protective equipment required under normal conditions of use. If splashes are likely to occur, wear: Chemical splash goggles.

**Skin Protection:** No special protective equipment required under normal conditions of use.

**Respiratory Protection:** No special protective equipment required under normal conditions of use. No personal respiratory protective equipment is normally required. The need for respiratory protection will vary according to the airborne concentrations and environmental conditions (such as in manufacturing).

**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes.

## Section 9: Physical and Chemical Properties

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### Physical and chemical properties

**Physical State:** Physical State Appearance : Viscous liquid

**Color:** Clear to pale yellow

**Odor:** Not determined.

**pH:** 4.5 - 6.0

**Melting Temperature:** Not determined.

**Boiling Temperature:** Not determined.

**Flash Point:** >210 °F (>99°C)

**Ignition Temperature:** Not determined.

Lower Flammable Limit:	Not determined.
Upper Flammable Limit:	Not determined.
Vapor Pressure:	Not determined.
Vapor Density:	Not determined.
Solubility:	Soluble in water.
Specific Gravity:	Not determined.
Evaporation Rate:	Not determined.
Percent Volatile:	Not determined.

## Section 10: Stability and Reactivity

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### Reactivity:

#### Chemical Stability:

Chemical Stability: Stable under recommended handling and storage conditions.

#### Possibility of hazardous reactions:

Hazardous Polymerization: Hazardous polymerization does not occur.

#### Conditions To Avoid:

Conditions To Avoid: Heat, flames, ignition sources, and sparks. Incompatible materials.

#### Incompatible Materials:

Hazardous Decomposition Products: Thermal decomposition can lead to release irritant fumes and toxic gases.

## Section 11: Toxicological Information

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### Toxicological Information:

#### Product:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Target Organ Data: Eyes. Skin. Respiratory system . Digestive system .

Acute Inhalation Effects: Prolonged or excessive inhalation may cause respiratory tract irritation.

Acute Skin Effects: May cause irritation.

Acute Ingestion Effects: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Acute Eye Effects: May cause irritation.

#### Propylene Glycol:

Eye Toxicity: Administration into the eye - Rabbit Standard Draize test: 100 mg [Mild]  
Administration into the eye - Rabbit Standard Draize test: 500 mg/24H [Mild] (RTECS)

Skin Toxicity: Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 20800 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 20800 mg/kg [Behavioral-AtaxiaBehavioral-TetanyLungs, Thorax, or Respiration-Respiratory depression] (RTECS)

Ingestion Toxicity: Oral - Rat LD50 - Lethal dose, 50 percent kill: 20 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

## Section 12: Ecological Information

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**Ecotoxicity:****Product:**

**Ecotoxicity:** No environmental information found for this product.

**Persistence and degradability:****Product:**

**Environmental Fate:** No environmental information found for this product.

## Section 13: Disposal Considerations

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**Description of waste:**

**Waste Disposal:** Dispose of in accordance with Local, State, Federal and Provincial regulations.

## Section 14: Transport Information

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**DOT Shipping Name:** Not Restricted

**DOT UN Number:** Not Applicable

**Notes from Section 14:** The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

## Section 15: Regulatory Information

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**Safety, health and environmental regulations specific for the product:****Regulatory - Product Based:****California PROP 65:**

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65); This product does not contain any Proposition 65 chemicals.

**TSCA Inventory Status:**

All the constituents of this product are TSCA listed or exempt from listing.

**SARA:**

This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

**Canada WHMIS:**

Not controlled.

**Regulatory - Ingredient Based:****Propylene Glycol:**

**Canada DSL:** Listed

**TSCA Inventory Status:** Listed

## Section 16: Additional Information

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**Issue Date:** 01/15/2015

**Revision Date:** 2018-12-17

**Disclaimer:** This product is exempt from Safety Data Sheet regulations as the product is for consumer use. The information contained in this Safety Data Sheet (SDS) is offered as a guide to the use and handling of this material. All safety aspects of all Hollister products are thoroughly evaluated prior to commercialization. This SDS has been prepared in good faith by technically knowledgeable personnel. Hollister Incorporated shall not be held liable for any damages, losses or injuries of any nature which may result from the use of or reliance upon any information contained in this SDS. Each individual should make a determination as to the suitability of the information for his or her particular purpose(s).

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**HMIS:**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>PPE</b>	<b>X</b>

Chronic Health Hazard

**NFPA:**



**Other Information:**

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