

# United Biotech Rinse Aid

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** United Biotech Rinse Aid  
**SDS Number:** FG4662  
**Revision Date:** 1/8/2020  
**Version:** 2  
**Supplier Details:** United Biotech  
45 W. Jefryn Blvd.  
Deer Park, NY 11729  
**Emergency Phone:** 631-274-4750  
631-274-4750

## 2 HAZARDS IDENTIFICATION

### Classification of Substance

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **Warning**

#### GHS Hazard Pictograms:

no GHS pictograms indicated for this product

#### GHS Hazard Statements:

H316 - Causes mild skin irritation  
H320 - Causes eye irritation

#### GHS Precautionary Statements:

no GHS Precautionary Statements indicated

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas#	%	Chemical Name
57-55-6	2%	Propylene glycol
84133-50-6	5-10%	Alcohols, C12-14-secondary, ethoxylated

The specific chemical identity and/or exact percentages are being withheld as a trade secret (CBI). In the event of an emergency, the exact chemical formula and percentages will be given to medical personnel upon request.

All chemicals in this product are reported in the EPA TSCA Inventory.

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.  
**Skin Contact:** Promptly flush skin with water. If irritation persist, obtain medical attention.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.  
**Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Consult a physician.

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### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not applicable.

Hazardous Combustion Products: Not applicable.

Special Exposure Hazards: Contact with some metals, particularly magnesium, aluminum, and zinc can rapidly generate hydrogen, which is explosive.

Special protective equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Environmental Precautionary Measures: Do not empty into drains.

Methods and Materials for Containment and Cleanup: This material may be neutralized with dilute acid for disposal. Do not discharge into waste water treatment until liquid residues have been neutralized with dilute acid (pH 6-9). Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.

**Storage Requirements:** Store between 50-80° F. Keep container closed and in a well-ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use in well ventilated area.

**Personal Protective Equipment:** Propylene glycol (57-55-6) [2%]

Personal protective equipment

Eye protection: Safety Glasses

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Propylene glycol cas#:(57-55-6) [2%]

Components with workplace control parameters

TWA 10 mg/m3 USA. Workplace Environmental Exposure Levels (WEEL)

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**9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear Blue Liquid	<b>Odor:</b>	Sperarmint
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Soluble in Water
<b>Odor Threshold:</b>	No data available	<b>Freezing or Melting Point:</b>	No data available
<b>Specific Gravity or Density:</b>	1.00-1.10	<b>Flash Point:</b>	No data available
<b>viscosity:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Autoignition Temperature:</b>	No data available
<b>Partition Coefficient:</b>	No data available	<b>Upper Flammability Limit:</b>	No data available
<b>Vapor Pressure:</b>	No data available		
<b>pH:</b>	7-9		
<b>Evaporation Rate:</b>	No data available		
<b>Decomp Temp:</b>	No data available		

**10****STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Conditions to Avoid:</b>	Open flame and excessive heat.
<b>Materials to Avoid:</b>	Avoid contact with strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Oxides of carbon. Other unknown decomposition possible.
<b>Hazardous Polymerization:</b>	Will not occur.

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**TOXICOLOGICAL INFORMATION**

Propylene glycol cas#:(57-55-6) [2%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 20,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - 20,800 mg/kg

Other information on acute toxicity LD50 Intramuscular - rat - 14 g/kg

LD50 Intravenous - dog - 26 g/kg

LD50 Intraperitoneal - rat - 6,660 mg/kg

LD50 Subcutaneous - rat - 22,500 mg/kg

LD50 Intravenous - rat - 6,423 mg/kg

LD50 Intraperitoneal - mouse - 9,718 mg/kg

Remarks: Lungs, Thorax, or Respiration:Chronic pulmonary edema. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli.

Blood:Changes in spleen.

LD50 Subcutaneous - mouse - 17,370 mg/kg

Remarks: BehaviOral:Change in motor activity (specific assay). BehaviOral:Muscle contraction or spasticity. Cyanosis

LD50 Intravenous - mouse - 6,630 mg/kg

LD50 Intravenous - rabbit - 6,500 mg/kg

Skin corrosion or irritation: Skin - Human - Mild skin irritation - 7 d

Serious Eye Damage or Eye Irritation: Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - Single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - Repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed.  
Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression

Synergistic effects: no data available

Additional Information:

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RTECS: TY2000000

### 12 ECOLOGICAL INFORMATION

Propylene glycol cas#:(57-55-6) [2%]

Information on ecological effects

Toxicity:

Toxicity to fish mortality NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h.

Toxicity to daphnia mortality NOEC - Daphnia - 13,020 mg/l - 48 h.

and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - > 10,000 mg/l - 48 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

### 13 DISPOSAL CONSIDERATIONS

### 14 TRANSPORT INFORMATION

USDOT: Not regulated

Marine Pollutant: No

### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

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Propylene glycol (57-55-6) [2%] HAP, PA, TSCA

Alcohols, C12-14-secondary, ethoxylated (84133-50-6) [5-10%] TSCA

Regulatory CODE Descriptions

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HAP = Hazardous Air Pollutants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

## United Biotech Rinse Aid

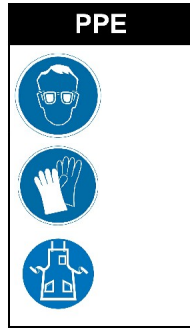
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**OTHER INFORMATION**

HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS C - Safety Glasses, Gloves, Apron

Personal  
Protective  
Equipment:

HMIS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



This information is based on our current knowledge of the product and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.