

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Identifier

**Product form:** Mixture

**Product Name:** Real Cool Snoop

### 1.2. Intended Use of the Product

**Recommended Uses and Restrictions:** Liquid leak detector to be used on external surfaces only. Optimum operating temperatures are between -65 °F and 200 °F (-54 °C and 93 °C). For professional use only.

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Swagelok Manufacturing Company, LLC

29495 F.A. Lennon Drive

Solon, Ohio 44139

440-519-4000

[www.swagelok.com](http://www.swagelok.com)

#### Supplier

[Distributor, add your contact information](#)

### 1.4. Emergency Telephone Number

**Emergency Number:** Infotrac: 1-352-323-3500

## SECTION 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### GHS Classification (KR)

##### Health Hazards

Serious eye damage/eye irritation, Category 2

Reproductive toxicity, Category 1B

Specific target organ toxicity — Single exposure, Category 1

Specific target organ toxicity — Repeated exposure, Category 2

### 2.2. Label elements

#### Hazard Pictograms (GHS-KR)



#### Signal Word (GHS-KR)

: Danger

#### Hazard Statements (GHS-KR)

: H319 - Causes serious eye irritation.

H360 - May damage fertility or the unborn child

H370 - Causes damage to organs.

H373 - May cause damage to organs through prolonged or repeated exposure.

#### Precautionary Statements (GHS-KR)

: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves, protective clothing, and eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P311 - If exposed or concerned: Call a POISON CENTER/doctor.

P308+P313 - If exposed or concerned, get medical advice and attention.

P314 - Get medical advice/attention if you feel unwell.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.2. Other Hazards

# Real Cool Snoop

## Safety Data Sheet

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**Other Hazards Which Do Not Result In Classification** : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Mixture/Substance

**Distinction of Substance or Mixture** : Mixture

Substance Name	CAS-No.	Formula	Concentration
Ethylene glycol	107-21-1	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	< 60%
Water	7732-18-5	H <sub>2</sub> O	> 37.97%
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	Unspecified	< 1%
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	Unspecified	< 1%
p-Hydroxybenzoic acid	99-96-7	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>	< 0.02%
1H-Benzotriazole	95-14-7	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub>	< 0.01%

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-Aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-Aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**First-Aid Measures After Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**First-Aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Causes serious eye irritation. May damage fertility. May damage the unborn child. Causes damage to organs. May cause damage to organs through prolonged or repeated exposure.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** May damage fertility or the unborn child. Repeated ingestion of this product may cause damage to kidneys.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Other medical advice or treatment:** If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media** Water spray, dry chemical, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Personal Protection (Emergency Response):** Do not enter fire area without proper protective equipment, including respiratory protection

### 5.2. Specific Hazards Arising From the Chemical

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Special Protective Equipment For Fire-Fighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Acrid smoke and irritating fumes.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Specific Fire Fighting:** Do not allow run-off from fire-fighting to enter drains or water courses.

# Real Cool Snoop

## Safety Data Sheet

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

- General Measures** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.
- For Non-Emergency Personnel**
- Protective Equipment:** Use appropriate personal protective equipment (PPE).
- Emergency Procedures:** Evacuate unnecessary personnel.
- For Emergency Responders**
- Protective Equipment:** Equip cleanup crew with proper protection.
- Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

#### 6.2. Environmental Precautions

- Environmental Precautions** Prevent entry to sewers and public waters.

#### 6.3. Methods and Materials for Containment and Cleaning Up

- For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
- Prevention Measures for Secondary Accidents:** Ventilate area. No open flames, no sparks, and no smoking. Eliminate ignition sources.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

- Technical Measures:** Handle in accordance with good industrial hygiene and safety practice.
- Local And General Ventilation:** Ensure adequate air ventilation.
- Precautions For Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapours, mist, spray. Avoid contact with eyes, skin and clothing.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

- Technical Measures:** Comply with applicable regulations.
- Incompatible Substances Or Mixtures:** Refer to section 10
- Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Material Used In Packaging/Containers:** Store in original container.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Exposure Limits/Biological Limits

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), China, and Korea

Ethylene Glycol (107-21-1)		
ACGIH	ACGIH TWA (ppm)	25 ppm (vapor fraction)
ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (inhalable particulate matter, aerosol only)
ACGIH	ACGIH STEL (ppm)	50 ppm (vapor fraction)
ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Korea	ISHA Ceiling (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup> (mist and vapor)
China	OEL STEL	40 mg/m <sup>3</sup>
China	OEL TWA	20 mg/m <sup>3</sup>
China	Catalogue of Occupational Hazard Factors	Category 3 - Chemicals

**Exposure Limits/Biological Limits** No data available

#### 8.2. Exposure Controls

- Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

# Real Cool Snoop

## Safety Data Sheet

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### Personal Protective Equipment:

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Hand Protection:** Wear protective gloves.

**Eye And Face Protection:** Chemical safety goggles.

**Skin And Body Protection:** Wear suitable protective clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Appearance	: Colorless
Physical State	: Liquid
Molecular Mass	: No data available
Odour	: Neutral
Odor Threshold	: No data available
pH	: 6 - 7.5
Melting Point	: No data available
Boiling Point	: 387 °F (197.22 °C)
Flash Point	: > 230 °F (110 °C) Closed Cup Method
Autoignition Temperature	: No data available
Flammability (Solid, Gas)	: Non flammable.
Vapour Pressure	: No data available
Relative Vapour Density At 20 °C	: No data available
Specific Gravity	: 1.1 g/ml
Solubility	: No data available
N-Octanol/Water Distribution Coefficient	: No data available
Decomposition Temperature	: No data available
Viscosity	: No data available
Explosive Limits (g/m <sup>3</sup> )	: No data available
Explosive Limits (vol %)	: No data available

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.

**10.2 Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**10.3 Possibility Of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4 Conditions To Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.

**10.5 Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**10.6 Hazardous Decomposition Products:** None expected under normal conditions of use.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

Acute Toxicity	Not classified.
Eye Damage/Irritation	Causes serious eye irritation.
Skin Corrosion/Irritation	Not classified.
Respiratory Sensitizer	Not classified.
Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive Toxicity	May damage fertility or the unborn child.

# Real Cool Snoop

## Safety Data Sheet

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**Specific Target Organ Toxicity (Single Exposure)**  
**Specific Target Organ Toxicity (Repeated Exposure)**

Causes damage to organs.  
May cause damage to organs through prolonged or repeated exposure.  
Not classified.

**Aspiration Hazard**

Not classified.

### 11.2 Information on Toxicological Effects - Ingredient(s)

<b>D-Glucopyranose, Oligomeric, Decyl Octyl Glycosides (68515-73-1)</b>	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
<b>Ethylene Glycol (107-21-1)</b>	
LD50 Dermal Rat	10600 mg/kg
<b>P-Hydroxybenzoic Acid (99-96-7)</b>	
LD50 Oral Rat	> 10 g/kg
<b>1h-Benzotriazole (95-14-7)</b>	
LD50 Oral Rat	560 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg
LC50 Inhalation Rat	1910 mg/m <sup>3</sup> (Exposure time: 3 h)
LC50 Inhalation Rat	1.43 mg/l/4h

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity** : Not classified.  
**Fish Toxicity / Other Toxicity** : Not classified.  
**Other Information** : Avoid release to the environment.

<b>D-Glucopyranose, Oligomeric, Decyl Octyl Glycosides (68515-73-1)</b>	
LC50 Fish 1	170 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
<b>D-Glucopyranose, Oligomeric, C10-16-Alkyl Glycosides (110615-47-9)</b>	
LC50 Fish 1	2.95 mg/l (Exposure time 96 h - Species: Brachydanio rerio [semi-static])
<b>Ethylene Glycol (107-21-1)</b>	
LC50 Fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
NOEC Chronic Crustacea	4.2 mg/l
<b>P-Hydroxybenzoic Acid (99-96-7)</b>	
LC50 Fish 1	92.8 mg/l (Exposure time: 96 h - Species: Oryzias latipes [flow-through])
<b>1h-Benzotriazole (95-14-7)</b>	
LC50 Fish 1	39 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	141.6 mg/l (Exposure time: 48 h - Species: water flea)

### 12.2. Persistence and Degradability

<b>Real Cool Snoop</b>	
Persistence And Degradability	Not established.

### 12.3. Bioaccumulative Potential

<b>Real Cool Snoop</b>	
Bioaccumulative Potential	Not established.
<b>Ethylene Glycol (107-21-1)</b>	
Log Pow	-1.93

**12.4. Mobility in Soil** No data available

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

# Real Cool Snoop

## Safety Data Sheet

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Description of Waste Materials:** Container may remain hazardous when empty. Continue to observe all precautions.

**Waste Treatment Methods:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

### SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**14.1 In Accordance with UNRTDG** Not regulated for transport

**14.2 In Accordance with IATA** Not regulated for transport

**14.3 In Accordance with IMDG** Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

#### Asia/Pacific Regulations

##### D-Glucopyranose, Oligomeric, Decyl Octyl Glycosides (68515-73-1)

###### Regulatory Reference

Listed on the EU NLP (No Longer Polymers) inventory  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

##### D-Glucopyranose, Oligomeric, C10-16-Alkyl Glycosides (110615-47-9)

###### Regulatory Reference

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

##### Ethylene Glycol (107-21-1)

###### Hazardous Substances Subject to Working Environment Measurement

Applicable

###### Hazardous Substances Subject to Workers Requiring Health Examination

Applicable

###### Hazardous Substances Subject to Control

Applicable

###### ISHA

Hazardous Substances Subject to Control - Organic Compounds

###### Regulatory Reference

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)

# Real Cool Snoop

## Safety Data Sheet

This SDS is prepared in accordance with the SDS requirements of the Ministry of Employment and Labor (MOEL) of South Korea public notice No. 2016-19

Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on EPA Hazardous Air Pollutant (HAPS)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **P-Hydroxybenzoic Acid (99-96-7)**

#### **Regulatory Reference**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **1h-Benzotriazole (95-14-7)**

#### **Regulatory Reference**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **Water (7732-18-5)**

#### **Regulatory Reference**

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

## **SECTION 16: OTHER INFORMATION**

**Revision Date** : 2016/08/04  
**Revision Number** : 2.0  
**Date of Issue** : 2019/11/21  
**Data sources** : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites,

# Real Cool Snoop

## Safety Data Sheet

This SDS is prepared in accordance with the SDS requirements of the Ministry of Employment and Labor (MOEL) of South Korea public notice No. 2016-19

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### Other Information

product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

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*This information is based on our current knowledge 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.*

Korea GHS SDS