

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier

Product Form: Mixture

Product Name: Real Cool Snoop

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

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

Manufacturer

Swagelok Manufacturing Company, LLC

29495 F.A. Lennon Drive

Solon, Ohio 44139

440-519-4000

Emergency Telephone Number

Emergency Number: CHEMTREC: (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

Colorless and odorless liquid. Harmful if swallowed. Causes serious eye irritation. May cause damage to organs (kidneys) through prolonged or repeated exposure.

Classification of the Substance or Mixture

GHS classification (CN)

Physical hazards

: Not classified

Health hazards

: Acute toxicity (oral), Category 4

: Serious eye damage/eye irritation, Category 2

: Specific target organ toxicity — Repeated exposure, Category 2

Hazard Pictograms (GHS-CN)

:



Signal Word (GHS-CN)

: Warning

Hazard Statements (GHS-CN)

: Harmful if swallowed (H302).

Causes serious eye irritation (H319).

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

Prevention Precautionary Statements

: Do not breathe vapours, mist, or spray (P260).

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

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

Wear protective gloves, protective clothing, and eye protection (P280).

Response Precautionary Statements

: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell (P301+P312).

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

Get medical advice/attention if you feel unwell (P314).

Rinse mouth (P330).

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

Disposal Precautionary Statements

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

Health Hazard Information

Symptoms/Injuries: Causes serious eye irritation. Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure.

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

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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: This material is harmful orally and can cause adverse health effects or death in significant amounts. Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage.

Chronic Symptoms: May cause damage to organs through prolonged or repeated exposure.

Physiochemical Hazard

Physical and Chemical Hazards: Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Causes serious eye irritation.

Environmental Hazard

Environmental Hazards: Not hazardous for the environment.

Other Hazards

Other Hazards Which Do not Result in Classification : Exposure may aggravate pre-existing eye, skin, or respiratory conditions

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture/Substance

Distinction of Substance or Mixture : Mixture

Name	Concentration	CAS No
Ethylene glycol	< 60%	107-21-1
D-Glucopyranose, oligomeric, decyl octyl glycosides	< 1%	68515-73-1
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	< 1%	110615-47-9

SECTION 4: FIRST AID MEASURES

First Aid

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 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.

The Most Important Symptoms and Health Effects

Symptoms/Injuries: Causes serious eye irritation. Harmful if swallowed. 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: This material is harmful orally and can cause adverse health effects or death in significant amounts. Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage.

Chronic Symptoms: May cause damage to organs through prolonged or repeated exposure.

Advice for The Rescuer

Do not enter fire area without proper protective equipment, including respiratory protection.

Special Note for Doctor

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: FIREFIGHTING MEASURES

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.

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Special Hazards

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

Explosion Hazard: Product is not explosive.

Reactivity in Case of Fire: Thermal decomposition generates: Release of harmful gases/vapours (carbon monoxide - carbon dioxide).

Hazardous Decomposition Products in Case of Fire: Carbon oxides (CO, CO₂). Nitrogen oxides.

Fire Precautions and Protective Measures

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.

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

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

Prevention Measures for Secondary Accidents: Ventilate area. No open flames, no sparks, and no smoking. Eliminate ignition sources.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures Avoid breathing (vapour, mist, spray). Avoid all contact with skin, eyes, or clothing.

For Non-Emergency Personnel

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area. 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.

Environmental Protection Measures

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material Used for Collection, Disposal of Leak

Methods and Equipment for Containment and Cleaning up: Stop leak if possible to do so without risk. Do not allow to spread into the environment. Contact competent authority after a spill, and follow local/national regulations.

Precautionary Measures to Prevent the Occurrence of Secondary Disasters

Secondary Disaster Prevention Measures: Ventilate area. No open flames, no sparks, and no smoking. Eliminate ignition sources.

SECTION 7: HANDLING AND STORAGE

Handling

Technical Measures: Handle in accordance with good industrial hygiene and safety practice.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

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. Avoid breathing vapours, mist, spray. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing. Avoid contact with skin, eyes and clothing.

Prevents Handling of Incompatible Substances or Mixtures: Store away from. Store away from strong acids, strong bases, and strong oxidizers. Do not eat, drink or smoke during work.

Storage

Technical Measures: Comply with applicable regulations.

Incompatible Substances or Mixtures: Refer to Chapter 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. Do not freeze.

Special Rules on Packaging: Store in a closed container.

Material Used in Packaging/containers: Store in original container.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Ethylene glycol (107-21-1)		
ACGIH	ACGIH Ceiling (mg/m ³)	100 mg/m ³ (aerosol only)
ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
China	OEL STEL	40 mg/m ³
China	OEL TWA	20 mg/m ³

Biological Limits

No data available

Monitoring Methods

Monitoring Methods: No data available

Engineering 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.

Personal Protective Equipment

Personal Protective Equipment:

Gloves. Protective clothing. Protective goggles.



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 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

Information on Basic Physical and Chemical Properties

Appearance	: Colourless
Physical State	: Liquid
Odour	: Neutral odour
pH Value	: 6,0 - 7,5
Melting point/Freezing Point	: No data available
Boiling Point, Initial Boiling Point and Boiling Range	: 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
Density/ Relative density	: 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 ³)	: No data available
Explosive Limits (Vol %)	: No data available

SECTION 10: STABILITY AND REACTIVITY

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

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

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Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

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

Hazardous Decomposition Products: Thermal decomposition generates: Carbon and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral) - Description	: Oral: Harmful if swallowed.
Acute Toxicity (Dermal) - Description	: Not classified
Acute Toxicity (Inhalation) - Description	: Not classified
Skin Corrosion/Irritation - Description	: Not classified
Serious Eye Damage/Irritation - Description	: Causes serious eye irritation.
Respiratory or Skin Sensitization - Description	: Not classified
Germ Cell Mutagenicity - Description	: Not classified
Carcinogenicity - Description	: Not classified
Reproductive Toxicity - Description	: Not classified
Specific Target Organ Toxicity (Single Exposure) - Description	: Not classified
Specific Target Organ Toxicity (Repeated Exposure) - Description	: May cause damage to organs through prolonged or repeated exposure.
Aspiration - Description	: Not classified
Other Health Hazard	: No data available

Information on Toxicological Effects Ingredient(s)

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Ethylene glycol (107-21-1)	
LD50 Dermal Rat	10600 mg/kg
ATE (Oral)	500.000 mg/kg bodyweight

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity - Description	: Not classified
Acute Chronic Toxicity - Description	: Not classified

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
LC50 Fish 1	96.64 mg/l
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)	
LC50 Fish 1	2.95 mg/l (Exposure time 96 h - Species: Brachydanio rerio [semi-static])
Ethylene glycol (107-21-1)	
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)
LC 50 Fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

Persistence and Degradability

Real Cool Snoop	
Persistence and Degradability	Not established.

Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
Ethylene glycol (107-21-1)	
Log Pow	-1.93

Mobility in Soil

Other Adverse Effects

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Ozone - Description	: Not classified
Other Information	: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Chemicals

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Disposal Matters

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with UNRTDG Not regulated for transport

In Accordance with IATA Not regulated for transport

In Accordance with IMDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

Asia/Pacific Regulations

Real Cool Snoop	
Dangerous Goods List (GB 12268-2012)	GB12268-2012
Priority List of Hazardous Chemical Wastes	No
State Or Local Regulations	Dangerous Goods List (GB 12268-2012) List of dangerous chemicals (2015)

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)

Priority List of Hazardous Chemical Wastes No

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 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 CICR (Turkish Inventory and Control of Chemicals)

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)

Priority List of Hazardous Chemical Wastes No

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 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

Ethylene glycol (107-21-1)

Priority List of Hazardous Chemical Wastes No

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)

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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 CICR (Turkish Inventory and Control of Chemicals)

International Agreements

SECTION 16: OTHER INFORMATION

Revision Date : 2016/03/01

Other Information : The SDS is prepared in accordance with GB/T 16483 & GB/T 17519 and and GB 30000.

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.

SDS China GHS