



Revision Number: 001.1

Issue date: 08/17/2022

## 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

**Product identifier used on the label:** Persil Pro Clean Discs Original

**Recommended use of the chemical and restrictions on use:** multi-component detergent, Use only as intended, read product label.

**Name, address and telephone number of the chemical distributor:**

Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

Telephone: For medical emergencies 1-833-359-6299 For transportation CHEMTREC: 1-800-424-9300 .

## 2. HAZARDS IDENTIFICATION

Globally Harmonized System Safety Data Sheets (SDS) are required to be readily accessible to employees for all hazardous chemicals in the workplace. This SDS provides additional information for safe handling of the product and may contain health hazard information not relevant to consumer use. For information regarding consumer application of this product, refer to the product label.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3
ACUTE TOXICITY ORAL	4
SKIN IRRITATION	2
EYE IRRITATION	2A

**Signal word:** WARNING  
WARNING

**Hazard Statement(s):**

Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
Flammable liquid and vapour.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.

**Symbol(s):**



**Precautionary Statements:**

**Prevention:** Keep container tightly closed.  
Wash affected area thoroughly after handling.  
Wear protective gloves, eye protection, and face protection.  
Keep away from heat, sparks, open flames, hot surfaces - no smoking.  
Keep container tightly closed.  
No release into water.  
Use explosion-proof equipment.  
Use non-sparking tools.  
Take action to prevent static discharges.

**Response:** Wash affected area thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves, eye protection, and face protection.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
If SWALLOWED: Immediately call poison control or physician if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Take off contaminated clothing.  
If skin irritation occurs: Get medical attention.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical attention.  
If eye irritation persists: Get medical attention.  
Take off contaminated clothing.

**Storage:** In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.  
Store in a well-ventilated place. Keep cool.  
Store in a dry place. Store in a closed container.  
Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.  
  
Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Hazards not otherwise classified:** Not available.

**Percentage of ingredient(s) with unknown toxicity:**

6 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as hazards in accordance with § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine	68910-32-7	>= 20 - < 30 %
Alcohols, C12-15, ethoxylated, 7EO	68131-39-5	>= 20 - < 30 %
Glycerol	56-81-5	>= 5 - < 10 %
Propane-1,2-diol	57-55-6	>= 5 - < 10 %
Ethanol	64-17-5	>= 1 - < 5 %

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

Actual concentration or concentration range is withheld as a trade secret

### 4. FIRST AID MEASURES

**Description of necessary measures**

**Inhalation:** Move to fresh air. In case of breathing difficulties seek immediate medical advise.  
**Skin contact:** Rinse with water. Take off all clothing contaminated by the product. If skin irritation occurs: Rinse with running water and soap.  
**Eye contact:** Rinse immediately with plenty of running water, seek medical advice if necessary.  
**Ingestion:** Rinse the mouth. Drink 1-2 glasses of water. Do not induce vomiting, seek medical advice immediately.

**Most important symptoms and effects, both acute and delayed**

Not available.

**Indication of any immediate medical attention and special treatment needed**

Not available.

## 5. FIRE FIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** All common extinguishing agents are suitable.

**Unsuitable extinguishing media:** None known

### Specific hazards arising from the chemical

Other decomposition products

### Special protective equipment and precautions for fire-fighters

Use personal protective equipment and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Ensure adequate ventilation. Wear protective equipment. Danger of slipping on spilled product. See advice in section 8 Wear adequate personal protective clothing and equipment.

### Environmental precautions

If large amounts are released contact the fire service.

### Methods and materials for containment and cleaning up

Remove mechanically. Rinse away residue with plenty of water. Wash site of spillage thoroughly with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Keep out of the reach of children. Do not get in eyes. Keep the containers closed when not in use. Do not reuse packaging for other usages Do not ingest.

### Conditions for safe storage, including any incompatibilities

Keep the containers tightly closed when not in use. Store in a cool, dry, ventilated area out of reach of children and away from sources of heat, moisture, and incompatible substances.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), American Industrial Hygiene Association (WEEL) Workplace Environmental Exposure Level and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Alcohols, C12-15, ethoxylated, 7EO	None	None	None	None
Glycerol	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Propane-1,2-diol	None	None	10 mg/m3 TWA Aerosol.	None
Ethanol	1,000 ppm STEL	1,000 ppm (1,900 mg/m3) PEL	None	None

### Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

### Individual protection measures

<b>Respiratory:</b>	If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).
<b>Eye:</b>	Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
<b>Hand/Body:</b>	Suitable protective gloves. Protective clothing against chemicals. Observe manufacturer's instructions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	gel green
<b>Odor:</b>	floral, fresh
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	8.0 - 8.4 (20 °C)
<b>Melting point/ range:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Flash point:</b>	57 °C (134.6 °F) ; The product does not support combustion in any way.
<b>Evaporation rate:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Vapor density:</b>	Not available.
<b>Solubility in water:</b>	OK
<b>Solubility in water:</b>	OK
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>Autoignition temperature:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.
<b>Viscosity:</b>	150 - 350 mPa.s
<b>VOC content:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This product may react with strong acids, bases and oxidizing agents.
<b>Chemical stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Possibility of hazardous reactions:</b>	Not available.
<b>Conditions to avoid:</b>	Keep away from heat and direct sunlight.
<b>Incompatible materials:</b>	None known.
<b>Hazardous decomposition products:</b>	No decomposition if used according to specifications. No decomposition if used according to specifications.

## 11. TOXICOLOGICAL INFORMATION

### Likely routes of exposure including symptoms related to characteristics

<b>Inhalation:</b>	Not available.
<b>Skin contact:</b>	Not available.
<b>Eye contact:</b>	Not available.
<b>Ingestion:</b>	Not available.
<b>Physical/Chemical:</b>	Not available.
<b>Other relevant toxicity information:</b>	Not available.

**Numerical measures of toxicity, including delayed and immediate effect**

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine	None	No Data
Alcohols, C12-15, ethoxylated, 7EO	Inhalation LC50 (RAT, 4 h) = > 1.6 mg/l Inhalation LC50 (RAT, 6 h) = > 100 mg/m3	No Target Organs
Glycerol	None	Irritant, Nuisance dust
Propane-1,2-diol	Oral LD50 (RABBIT) = 18 g/kg Oral LD50 (RAT) = 30 g/kg Inhalation LC50 (RABBIT, 2 h) = > 317,042 mg/m3	Irritant
Ethanol	Oral LD50 (RAT) = 9.9 g/kg Oral LD50 (RAT) = 6.2 g/kg Oral LD50 (RAT) = 17.8 g/kg Oral LD50 (RAT) = 11.5 g/kg Oral LD50 (RAT) = 10.6 g/kg Oral LD50 (RAT) = 7,060 mg/kg Inhalation LC50 (RAT, 6 h) = 92.6 mg/l Inhalation LC50 (RAT, 6 h) = 51.3 mg/l Inhalation LC50 (RAT, 4 h) = 133.8 mg/l Inhalation LC50 (RAT, 6 h) = 82.1 mg/l Inhalation LC50 (RAT, 4 h) = 124.7 mg/l Inhalation LC50 (RAT, 6 h) = 52.9 mg/l Inhalation LC50 (RAT, 6 h) = 54.8 mg/l Inhalation LC50 (RAT, 4 h) = > 115.9 mg/l Inhalation LC50 (RAT, 6 h) = 87.5 mg/l Inhalation LC50 (RAT, 4 h) = 130.7 mg/l Inhalation LC50 (RAT, 4 h) = 128.2 mg/l Inhalation LC50 (RAT, 4 h) = 116.9 mg/l	Central nervous system, Irritant

**Carcinogenicity information**

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine	No	No	No
Alcohols, C12-15, ethoxylated, 7EO	No	No	No
Glycerol	No	No	No
Propane-1,2-diol	No	No	No
Ethanol	No	No	No

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:**

This product is not considered to cause adverse effects in the environment when used as intended.

**Toxicity to fish:**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine 68910-32-7	NOEC	> 0.43 - 0.89 mg/l	Fish	28 d	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 210 (fish early life stage toxicity test)
	LC50	1.67 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Alcohols, C12-15, ethoxylated, 7EO 68131-39-5	LL50	> 1 - 10 mg/l	Fish	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
Glycerol 56-81-5	LC50	> 44,000 mg/l	Fish	96 h	Pimephales promelas	not specified
Propane-1,2-diol 57-55-6	LC50	51,600 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Ethanol 64-17-5	LC50	14,200 mg/l	Fish	96 h	Pimephales promelas	EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians)
	NOEC	250 mg/l	Fish	120 h	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)

**Toxicity to aquatic invertebrates:**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine 68910-32-7	EC50	2.9 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Alcohols, C12-15, ethoxylated, 7EO 68131-39-5	EL50	> 1 - 10 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Glycerol 56-81-5	EC50	> 10,000 mg/l	Daphnia	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Propane-1,2-diol 57-55-6	EC50	18,340 mg/l	Daphnia	48 h	Ceriodaphnia dubia	other guideline:
Ethanol 64-17-5	EC50	5,012 mg/l	Daphnia	48 h	Ceriodaphnia dubia	other guideline:

**Toxicity to algae:**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine 68910-32-7	EC50	127.9 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	2.4 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Alcohols, C12-15, ethoxylated, 7EO 68131-39-5	EL50	> 1 - 10 mg/l	Algae	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Glycerol 56-81-5	EC50	> 10,000 mg/l	Algae		Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)
	EC0	> 10,000 mg/l	Algae		Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)
Propane-1,2-diol 57-55-6	EC50	24,200 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	15,000 mg/l	Algae	14 d	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	EC50	275 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)
	EC10	11.5 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)

**Persistence and degradability**

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine 68910-32-7	readily biodegradable	aerobic	85 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Alcohols, C12-15, ethoxylated, 7EO 68131-39-5	readily biodegradable	aerobic	> 60 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Glycerol 56-81-5	readily biodegradable	aerobic	90 - 94 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
Propane-1,2-diol 57-55-6	readily biodegradable	aerobic	> 81.7 - 100 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Ethanol 64-17-5	readily biodegradable	aerobic	80 - 85 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

**Bioaccumulative potential**

No data available.

### Mobility in soil

Hazardous substances CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Method
Glycerol 56-81-5	-1.76				not specified
Propane-1,2-diol 57-55-6	-1.07		20.5 °C		EU Method A.8 (Partition Coefficient)
Ethanol 64-17-5	-0.35		24 °C		not specified

## 13. DISPOSAL CONSIDERATIONS

### Description of waste residues:

**Hazardous waste number:** Not available.

### Safe handling and disposal methods:

**Recommended method of disposal:** Dispose of in accordance with local and national regulations.

**Disposal of uncleaned packages:** Collection and delivery to recycling enterprise or other registered elimination institution. Do not reuse this container.

## 14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### Risk indication:

Not a hazardous material if transport temperature is below the flash point.

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimis

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis.

**CERCLA/SARA Section 311/312:** Not available.

**CERCLA/SARA Section 313:** None above reporting de minimis.

**California Proposition 65:**

This product does not contain any Proposition 65 chemicals at levels requiring a warning in the State of California. This product does not contain any Proposition 65 chemicals at levels requiring a warning in the State of California.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:**

Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

**16. OTHER INFORMATION**

**DISCLAIMER:** The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment.

**This safety data sheet contains changes from the previous version in sections:** Reviewed SDS. Reissued with new date.

**Prepared by:** Not available.

**Issue date:** 08/17/2022