

# SAFETY DATA SHEET

Revision Date: 16-Jun-2020

Version: 4

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Generic Name** Persil Proclean Discs Single Dose Laundry Detergent  
**Other means of identification**  
**UPC Code(s)** Not applicable  
**UN/ID No** Bulk packages (>119 gallons) are regulated as: NA1993  
**Synonyms** None

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

**Recommended Use** Liquid Laundry Detergent for washing machines.  
**Uses advised against** Follow label instructions. Not recommended for any use except intended use.

### Supplier's details

**Distributor Address**  
Henkel Corporation  
One Henkel Way,  
Rocky Hill, CT 06067  
1-800-298-2408

### Emergency telephone number

**Emergency telephone** Chemtrec (US/CA) 1-800-424-9300 (24 hour)  
General - 1-800-776-6702 (Monday – Friday, 8:30AM to 6:00PM EST)  
Propharma: 1-800-565-5597 (24 hours)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Flammable Liquids	Category 3

### GHS Label elements, including precautionary statements

#### **Emergency Overview**

#### **Warning**

#### **Hazard Statements**

Causes serious eye damage  
Flammable liquid and vapor



**Appearance** Clear Liquid

**Physical state** liquid

**Odor** Characteristic

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection  
Keep container tightly closed  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Ground/bond any bulk containers and receiving equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Call a POISON CENTER or doctor/physician if you feel unwell  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
If swallowed rinse mouth  
Do NOT induce vomiting  
Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

- May be harmful if swallowed  
General Hazards No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Benzenesulfonic acid, mono-C10-13 alkyl derivs., compds. with ethanolamine	85480-55-3	10 - 30 %
Fatty alcohol ethoxylate C12-18 7EO	68213-23-0	10 - 30 %
Glycerol	56-81-5	5 - 10%
Propane-1,2-diol	57-55-6	5 - 10 %
Ethanol	64-17-5	1 - 5 %

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**First aid measures for different exposure routes**

**General advice** For further assistance, contact your local Poison Control Center.

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Toxic - Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center immediately.
<b>Protection of First-aiders</b>	Use personal protective equipment.

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

**Main Symptoms** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**Unsuitable Extinguishing Media** None.

**Specific hazards arising from the chemical**

No information available.

**Hazardous Combustion Products** No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Avoid contact with the skin and the eyes.

**Advice for emergency responders** For personal protection see section 8.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

**Packaging material** Keep product in original packaging.

**Incompatible products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), 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
Glycerol	None	5 mg/m <sup>3</sup> PEL Respirable fraction. 15 mg/m <sup>3</sup> PEL Total dust.	None	None
Propane-1,2-diol	None	None	10 mg/m <sup>3</sup> TWA Aerosol.	None
Ethanol	1.000 ppm STEL	1.000 ppm (1.900 mg/m <sup>3</sup> ) PEL	None	None

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

**Physical state** liquid

<b>Appearance</b>	Clear Liquid	<b>Odor</b>	Characteristic
<b>Color</b>	Colored	<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	8.0 - 8.4	
<b>Melting point</b>	No information available	
<b>Boiling point/boiling range</b>	No information available	
<b>Flash Point</b>	57 °C / 134.6 °F	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limit</b>	No information available	
<b>Lower Flammability Limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific Gravity</b>	1.048	
<b>Water solubility</b>	Soluble in water	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity, kinematic</b>	200 - 500 mPa.s	
<b>Viscosity, dynamic</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**Other information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content(%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk Density</b>	No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not expected

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None under normal processing.

<b>Hazardous Polymerization</b>	None under normal processing.
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**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Product Information</b>	There is no data available for this product
<b>Toxic - Inhalation</b>	None known.
<b>Eye contact</b>	There is no data available for this product.

**Skin contact  
Ingestion**

There is no data available for this product.  
There is no data available for this product.

**Component Information**

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Benzenesulfonic acid, mono-C10-13-alkyl derivs., compds. with ethanolamine	None	No Data
Alcohols, C13-15-branched and linear, 8EO	None	No Records
Glycerol	None	Irritant, Nuisance dust
Propane-1,2-diol	Oral LD50 (RABBIT) = 18 g/kg Oral LD50 (RAT) = 30 g/kg	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	Central nervous system, Irritant

**Information on toxicological effects**

**Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**

No information available.

**Eye damage/irritation**

No information available.

**Sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Benzenesulfonic acid, mono-C10-13-alkyl derivs., compds. with ethanolamine	No	No	No
Alcohols, C13-15-branched and linear, 8EO	No	No	No
Glycerol	No	No	No
Propane-1,2-diol	No	No	No
Ethanol	No	No	No

**Reproductive toxicity**

No information available.

**Developmental Toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic toxicity**

No information available.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 2432 mg/kg

ATEmix (dermal) 2655 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Aquatic Toxicity:**

The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings. This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

**Toxicity to fish:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to aquatic invertebrates:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to algae:**

The aquatic toxicity profile of this product has not been determined.

**Persistence and degradability**

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Benzenesulfonic acid, mono-C10-13-alkyl derivs., compds. with ethanolamine 85480-55-3	readily biodegradable	aerobic	85 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Fatty alcohol ethoxylate C12-18 7EO 68213-23-0	readily biodegradable	no data	> 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	not inherently biodegradable	aerobic	60 %	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
	readily biodegradable	aerobic	> 70 %	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)
Ethanol 64-17-5	readily biodegradable	aerobic	80 - 85 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

**Bioaccumulative potential**

The bioaccumulation potential of this product has not been determined.

**Mobility in soil**

The mobility of this product (in soil and water) has not been determined.

**13. DISPOSAL CONSIDERATIONS**

<b>Description of waste residues:</b>	Viscous liquid
<b>Hazardous waste number:</b>	EPA D001
<b>Safe handling and disposal methods:</b>	Handle and dispose of in accordance with all local and national requirements. Do not handle until all safety precautions have been read and understood.
<b>Recommended method of disposal:</b>	Contact supplier if guidance is required.
<b>Disposal of uncleaned packages:</b>	Do not reuse this container.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Bulk packages (>119 gallons) are regulated as:
<b>UN/ID No</b>	NA1993
<b>Proper shipping name</b>	Compounds, cleaning liquid (Ethanol)
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Emergency Response Guide Number</b>	128

**TDG** Not Assessed For Shipment

**IATA** Not Assessed for Shipment

**IMDG** Not Assessed for Shipment

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
 ENCS - Japan Existing and New Chemical Substances  
 IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

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

Chemical Name	California Prop. 65
Ethyl alcohol - 64-17-5	Carcinogen Developmental

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerol 56-81-5	X	X	X
Propane-1,2-diol 57-55-6	X		X
Ethyl alcohol	X	X	X

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64-17-5			
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U.S. EPA Label information

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<u>NFPA</u>	Health hazard 1	Flammability 2	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health hazard 1	Flammability 2	Physical Hazard 0	Personal protection X

Prepared By Henkel Corporation  
Regulatory Affairs

Revision Date 16-Jun-2020

**Revision Note**

No information available

Disclaimer

The hazards described in this OSHA Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers. The SDS provides additional information for safe handling of the product. For information regarding consumer application of this product refer to the product label.

**End of Material Safety Data Sheet**