

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Name: Café Clean: Coffee Equipment Cleaner

1.2 Intended Use of the Product

Coffee equipment cleaner for glass bowls, airpots, stainless steel & plastic

1.3 Name, Address, and Telephone of the Responsible Party

Name: Purdy Products Company
Address: 1255 Karl Court
Wauconda, IL 60084
USA
Phone: 847-526-5505
Email: sales@sterasheen.com

1.4 Emergency Telephone Number

Emergency Number: 800-424-9300 CHEMTREC (USA)
+1-703-527-3887 CHEMTREC (International)
24 Hours/day; 7 Days/week

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200) & Regulation (EC) No 1272/2008 (CLP)

Eye damage/irritation, Cat. 2A	H319
Skin corrosion/irritation, Cat. 2	H315
Specific target organ toxicity (single exposure), Cat. 3	H335

2.2 Label Elements

GHS-US/CA Labeling Hazard Pictograms (GHS-US/CA):



Signal Word (GHS-US/CA): Warning

Hazard Statements (GHS-US/CA):

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash ... thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection/face protection/protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of water/...
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER/doctor/.../ if you feel unwell.
P321 - Specific treatment (see ... on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to ...

Precautionary Statements (GHS-US/CA):

SECTION 3: HAZARD IDENTIFICATION

3.1 Substance Not Applicable

3.2 Mixture

Name	Synonyms	Product Identifier	%*	GHS Ingredient Classification
Sodium sulfate	Natrii sulfas; Sodium sulfate anhydrous; Sodium sulphate; Sulfuric acid disodium salt; Sulfuric acid sodium salt (1:2)	CAS: 7757-82-6 EC#: 231-820-9	<45%	
Sodium carbonate	Carbonic acid disodium salt; Carbonic acid sodium salt (1:2); Crystal carbonate; Disodium carbonate; Natrii carbonas; Sal soda; Soda ash; Soda, calcined; Washing soda	CAS: 497-19-8 EC#: 207-838-8	<30%	Eye Dam. 2A, H319
Sodium percarbonate	Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3); Carbonic acid sodium salt (1:2), compd with hydrogen peroxide (H2O2) (2:3); Carbonic acid sodium salt (1:2), compd. with hydrogen peroxide (H2O2) (2:3); Disodium carbonate, compound with hydrogen peroxide (2:3); Sodium carbonate peroxide	CAS: 15630-89-4 EC#: 239-707-6	<20%	
Sodium dodecylbenzenesulfonate	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts; Benzenesulfonic acid, dodecyl-, sodium salt; Benzenesulfonic acid, dodecyl-, sodium salt (1:1); DODECYLBENZENESULFONIC ACID, SODIUM SALT; Sodium dodecylbenzenesulphonate	CAS: 25155-30-0 EC#: 246-680-4	<0.5%	Acute tox. oral, Cat. 4 Skin corr./irr., Cat. 2 Eye dam./irr., Cat. 1 Hazardous to the aquatic environment, short-term (acute), Cat. 2
Sodium phosphate dodecahydrate	Sodium phosphate tribasic dodecahydrate; Sodium phosphate, tribasic; SODIUM PHOSPHATE, TRIBASIC, DODECAHYDRATE; Trisodium orthophosphate	CAS: 10101-89-0 EC#: 231-509-8	<30%	Skin corr./irr., Cat. 2 Eye dam./irr., Cat. 2A STOT SE, Cat. 3

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1 Description of First-aid Measures

General:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Skin Contact:	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.
Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
Ingestion:	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.

4.2 Most Important Symptoms and Effects Both Acute and Delayed

Skin Contact:	Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
Eye Contact:	Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Ingestion:	Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Chronic Symptoms:	None expected under normal conditions of use.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

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

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 are not expected to occur under normal conditions.

5.3 Special protective actions for fire-fighters

Precautionary Measures Fire:	Exercise caution when fighting any chemical fire.
Firefighting Instructions:	Use water spray or fog for cooling exposed containers.
Protection During Firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products:	Sulphur oxides, Sodium oxides, Carbon oxides, Oxides of phosphorus

5.4 Further Information

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental Precautions

Should not be released into the environment.

6.3 Methods and Materials for Containment and Cleaning Up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:	Comply with applicable regulations.
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Storage Conditions: Keep container closed when not in use. Store in a dry, cool place.
Keep/Store away from incompatible materials.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION




8.1 Control Parameters

Sodium phosphate dodecahydrate (CAS: 10101-89-0) WEEL (Inhalation): 5 mg/m³; US (AIHA/AGF)
PEL-TWA (Inhalation): 15 mg/m³; US (US/OSHA)

8.2 Appropriate Engineering Controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual Protection Measures

	Gloves 	Protective clothing 	Protective goggles 
Personal Protective Equipment:			
Eye and Face Protection:			Eye/Face Protection: None required with normal household use. Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.
Skin and Body Protection:			Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur. No special precautions for casual exposure. Ventilation Local Exhaust: None required with normal consumer use. Special: None
Respiratory Protection:			Industrial (General): Normal/general dilution ventilation is acceptable. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Granular, Solid, White		
Odor	None	pH	Not Available
Odor threshold	Not Available	Kinematic viscosity	Not Available
Melting point/freezing point	Not Available	Solubility	Complete
Boiling point	Not Available	Vapor pressure	Not Available
Flammability	Not Available	Evaporation rate	Not Available
Lower/upper flammability limit	Not Available	Density and/or relative density	Not Available
Flash point	Not Available	Relative vapor density	Not Available
Auto-ignition temperature	Not Available	Partition coefficient n-octanol/water	Not Available
Decomposition temperature	Not Available		

Supplemental information regarding physical hazard classes: Not Available

Further safety characteristics (supplemental): Not Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None under normal use conditions.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	None under normal use conditions.
10.4 Conditions to avoid	Incompatible materials.
10.5 Incompatible materials	Sodium sulfate: Strong acids, Aluminum, Magnesium Sodium carbonate reacts with acids with release of large volumes of carbon dioxide gas and heat.
10.6 Hazardous decomposition products	Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects - Product

Skin corrosion/irritation	Irritating to skin
Serious eye damage/irritation	Risk of serious damage to eyes
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive toxicity	Not Classified
Specific target organ toxicity (STOT) - single exposure	Not Classified
Specific target organ toxicity (STOT) - repeated exposure	Not Classified
Aspiration hazard	Not Classified

11.2 Information on Toxicological Effects - Ingredient(s)

Sodium Carbonate	CAS 497-19-8	Acute Toxicity LD50 Oral - Rat - 4,090 mg/kg LC50 Inhalation - Rat - 5,750 mg/l - 2 h LD50 Skin - Rabbit - >2000 mg/kg
Sodium dodecylbenzenesulfonate	CAS 25155-30-0	LD50 Oral - Rat - 500-2,000 mg/kg
Sodium phosphate dodecahydrate	CAS 10101-89-0	LD50 Oral - Rat - > 2,000 mg/kg
Sodium phosphate, tribasic	CAS 7758-29-4	LD50 Oral - Rat - > 2,000 mg/kg LC50 Inhalation - Rat - > 0.39 mg/l - 4 h LD50 Skin - Rabbit - 4,640 mg/kg LD50 Oral - Rat - 3,120 mg/kg
Sodium sulfate	CAS 7757-82-6	LD50 - Mouse - 5,989 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Sodium Carbonate	CAS 497-19-8	LC50 - Lepomis macrochirus (bluegill) - 300 mg/l - 96 h EC50 - Daphnia magna (water flea) - 265 mg/l - 48 h
Sodium dodecylbenzenesulfonate	CAS 25155-30-0	LC50 - Oncorhynchus mykiss (rainbow trout) - 96 h Result: 3.2 - 5.6 mg/l EC50 - Daphnia magna (water flea) - mg/l - 48 h Result: 6.3 mg/l
Sodium phosphate, tribasic	CAS 7758-29-4	EC50 - Daphnia magna (water flea) - >100 mg/l - 48 h EC50 - Daphnia magna (water flea) - 277 mg/l - 48 h
Sodium sulfate	CAS 7757-82-6	LC50 - Lepomis macrochirus (bluegill) - 4,380 mg/l - 96 hr EC50 - Daphnia magna (water flea) - 2,564 mg/l - 48 hr

		LC50 - Gambusia affinis (Mosquito fish) - 120 mg/l - 96 hr
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12.2 Persistence and Degradability	Sodium dodecylbenzenesulfonate: 17 d Result: > 75 % - Readily biodegradable
12.3 Bioaccumulative Potential	Sodium dodecylbenzenesulfonate: Chlorella fusca vacuolata - µg/l - 1 d Result: Bioconcentration factor (BCF): 130
12.4 Mobility in Soil	No data available on product
12.5 Results of PBT and vPvB Assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other Adverse Effects	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product Disposal

Dispose of contents/container in accordance with the local/regional/national/international regulations.

Non-Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill.

Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

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. As shipped, this product is not considered regulated for transport.

14.1 In Accordance with DOT	Not dangerous goods, not regulated for transport
14.2 In Accordance with IMDG	Not dangerous goods, not regulated for transport
14.3 In Accordance with IATA	Not dangerous goods, not regulated for transport
14.4 In Accordance with TDG	Not dangerous goods, not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Sodium sulfate (CAS 7757-82-6)
Sodium carbonate (CAS 497-19-8)
Sodium Percarbonate (CAS 15630-89-4)
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

15.2 State Regulation

Massachusetts Right To Know (105 CMR 670)

Sodium Sulfate (CAS 7757-82-6)
Sodium Dodecylbenzene Sulfonate (CAS 25155-30-0)
Phosphoric Avid Trisodium Salt, Dodecahydrate (CAS 10101-89-0)

Massachusetts Toxic Use Reduction Act (TURA) list

Sodium dodecylbenzenesulfonate (CAS 25155-30-0)
TRI listing: unlisted; CERCLA listing: X-reportable; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: CERCLA chemical added RY1993

Sodium phosphate, tribasic (CAS 10101-89-0)
TRI listing: unlisted; CERCLA listing: X-reportable; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: CERCLA chemical added RY1993

New Jersey Right To Know

Sodium Dodecylbenzene Sulfonate (CAS 25155-30-0)

Pennsylvania Right To Know

Sodium Sulfate (CAS 7757-82-6)
Listing note: E-environmental hazard.

Benzenesulfonic Acid, Dodecyl-, Sodium Salt (CAS 25155-30-0)
Listing note: E-environmental hazard.

Phosphoric Acid, Trisodium Salt, Dodecahydrate (CAS 10101-89-0)
Listing note: E-environmental hazard.

15.3 Canadian Regulation

Listed on the Canadian Domestic Substances List (DSL)

Sulfuric acid disodium salt (CAS 7757-82-6)
Carbonic acid disodium salt (CAS 497-19-8)
Carbonic acid disodium salt, compd. with hydrogen peroxide (H₂O₂) (2:3) (CAS 15630-89-4)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (CAS 68411-30-3)
Benzenesulfonic acid, dodecyl-, sodium salt (CAS 25155-30-0)

15.4 EU Table of Harmonized Entries (Annex VI to CLP)

Sodium Carbonate (CAS 497-19-8)

SECTION 16: OTHER INFORMATION

16.1 Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

16.2 Preparation Information

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Last Revision Date: Jul 31 2024
Last Reviewed Date: Aug 06 2024

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