Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS HCS 2012

Trade name: Coffee Clean

1 Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:** Coffee Clean Pretty Pump #15

• **Article number:** DP35

• **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

• **Application of the substance / the preparation** Coffee maker cleaner

Product dilution information: 0.25 wt. oz. (7 g) per coffee maker or pot.

• **1.3 Details of the supplier of the Safety Data Sheet**

• **Manufacturer/Supplier:**
Professional Supply
PO Box 88
Sheboygan, WI 53082-0088
Phone: 800-236-8675
Website: www.cleaningstuff.com

• **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

• **2.1 Classification of the substance or mixture**

• **Classification according to Regulation (EC) No 1272/2008**

Product as SOLD	Product at USE DILUTION
GHS05 corrosion Skin Corr. 1C; Eye Dam. 1 H314+H318 Causes severe skin burns and serious eye damage	Not classified. Not classified.
GHS07 Acute Tox., Oral 4 H302 Harmful if swallowed. STOT SE3 H335 May cause respiratory irritation	Not classified. Not classified.

• **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Irritant R37: Irritating to respiratory system. C; Corrosive R34/R41: Causes burns. Risk of serious damage to eyes	Not classified.

• **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.	The mixture does not meet the criteria for classification.

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• Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

• 2.2 Label elements

• Labeling according to Regulation (EC) No 1272/2008

Product as SOLD	Product at USE DILUTION
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.
• Hazard pictograms	
GHS05 GHS07	None
• Signal word Danger	No signal word.
• Hazard-determining components of labelling:	
disodium metasilicate, sodium percarbonate	Not applicable.
• Hazard statements	
H314+H318: Causes severe skin burns and serious eye damage H302: Harmful if swallowed H335: May cause respiratory irritation	Avoid contact with eyes.
• Precautionary statements	
P260 Do not breathe dust P270 Do not eat, drink or smoke when using this product P280 Wear protective gloves / eye protection. P264 Wash hands thoroughly after handling. P303+P361+P353+P363+P332+P313 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. P305+P351+P338+P337+P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310 Immediately call a POISON CENTER or doctor/ physician P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P405:Store locked up. P501 Dispose of contents/container in accordance with local regulations.	Keep out of reach of children. Wash hands thoroughly after handling. Get medical attention if symptoms appear.
• Additional information:	
1 percent of the mixture consists of component(s) of unknown toxicity	

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3 Composition/information on ingredients

• **3.2 Mixtures**
• **Description:** Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	Sodium Carbonate Xi R36 Eye Irrit. 2A, H319	<10%
CAS: 6834-92-0 EINECS: 229-912-9 Index number: 014-010-00-8	disodium metasilicate C R34; Xi R37 Skin Corr. 1C, H314 STOT SE 3, H335	<35%
CAS: 64-02-8 EINECS: 200-573-9	Tetrasodium ethylene diamine tetraacetate Xn R20/22; Xi R38/41 Eye Dam. 1, H318 Skin Irrit. 2, H315; Acute Tox., Oral, Inhal., 4, H302, H332	<5.0%
CAS: 15630-89-4 EINECS: 239-707-6	sodium percarbonate Xn R22; Xi R36/38; O R8 Ox. Sol. 2, H272 Acute Tox. Oral 4, H302; Eye Irrit. 2A, H319, Skin Irrit. 2, H315	<30%

• **SVHC**	
127087-87-0	Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy, branched

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

• **4.1 Description of first aid measures**	
Product as SOLD	**Product at USE DILUTION**
• **General information:** Immediately remove any clothing soiled by the product.	No special measures required.
• **After inhalation:** Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.
• **After skin contact:** Brush off loose particles from skin. Immediately rinse with water. If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
• **After eye contact:** Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.

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• **After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.
• **4.2 Most important symptoms and effects, both acute and delayed** Strong caustic effect on skin and mucous membranes. Gastric or intestinal disorders.	No known effects.
• **Hazards** Danger of gastric perforation. Danger of severe eye injury.	No known effects.
• **4.3 Indication of any immediate medical attention and special treatment needed**	
No further relevant information available.	No further relevant information available.

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
  Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  Wear self-contained respiratory protective device.
  Wear fully protective suit.
- **Additional information** No further relevant information available.

6 Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures**	
Product as SOLD	**Product at USE DILUTION**
Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Product forms slippery surface when combined with water.	Use personal protective equipment as required.
• **6.2 Environmental precautions:**	
Do not allow to enter sewers/ surface or ground water.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
• **6.3 Methods and material for containment and cleaning up:**	
Pick up mechanically. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
• **6.4 Reference to other sections**	
See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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7 Handling and storage

• **7.1 Precautions for safe handling**	
Product as SOLD	**Product at USE DILUTION**
Prevent formation of dust. Store in cool, dry place in tightly closed receptacles. Any unavoidable deposit of dust must be regularly removed.	No special measures required.
• **Information about fire - and explosion protection:**	
The product is not flammable. No special measures required.	No special measures required.
• **7.2 Conditions for safe storage, including any incompatibilities**	
• **Storage:**	
• **Requirements to be met by storerooms and receptacles:**	
Avoid storage near extreme heat, ignition sources or open flame. Store only in the original receptacle. Protect from humidity and water.	Keep out of reach of children.
• **Information about storage in one common storage facility:**	
Store away from foodstuffs. Do not store together with oxidizing and acidic materials.	No storage precautions necessary.
• **Further information about storage conditions:**	
This product is hygroscopic. Protect from humidity and water. Store in dry conditions.	No storage precautions necessary.
• **7.3 Specific end use(s)** No further relevant information available.	

8 Exposure controls/personal protection

• **Additional information about design of technical facilities:** No further data; see item 7.
Product as SOLD
• **8.1 Control parameters**
• **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • **DNELs** No further relevant information available. • **PNECs** No further relevant information available. • **Additional information:** The lists valid during the making were used as basis.
• **8.2 Exposure controls**
• **Personal protective equipment:**

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Product as SOLD	Product at USE DILUTION
• General protective and hygienic measures:	
The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.	Not required under normal conditions of use.
• Respiratory protection:	
Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when high concentrations are present.	A respirator is not required under normal and intended conditions of use.
• Protection of hands:	
PVC or PE gloves Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.	No protective equipment is needed under normal conditions.
• Material of gloves	
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.
• Penetration time of glove material	
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.
• Eye protection:	
Contact lenses should not be worn. Safety glasses	No protective equipment is needed under normal conditions.
• Body protection:	
Protective work clothing	No protective equipment is needed under normal conditions.
• Limitation and supervision of exposure into the environment	
No further relevant information available.	No further relevant information available.
• Risk management measures	
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.

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9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic physical and chemical properties		
• General Information		
• Appearance:		
Form:	Powder	Liquid
Color:	White	colorless
• Odor:	Odorless	Odorless
• Odor threshold:	Not determined.	Not determined.
• pH-value at 20 °C:	Not applicable.	10.5 ± 0.5
• Change in condition		
Melting point/Melting range:	> 60 °C (decomposition)	Not applicable.
Boiling point/Boiling range:	Not applicable.	100° C / 212° F
• Flash point:	Not applicable.	Not determined.
• Flammability (solid, gaseous):	Not determined.	Not applicable.
• Ignition temperature:	Not determined.	Not applicable.
• Decomposition temperature:	> 60 °C	Not applicable.
• Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
• Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• Explosion limits:		
Lower:	Not determined.	Not determined.
Upper:	Not determined.	Not determined.
• Vapor pressure at 20 °C:	23 hPa	Not determined.
• Density at 20 °C:	1.1 g/cm³	1.00 g/cm³
• Relative density	Not determined.	Not determined.
• Vapor density	Not applicable.	Not applicable.
• Evaporation rate	Not applicable.	Not applicable.
• Solubility in / Miscibility with water:	Fully soluble in water.	Complete
• Partition coefficient (n-octanol/water):	Not determined.	Not determined.
• Viscosity:		
Dynamic:	Not applicable.	Not determined.
Kinematic:	Not applicable.	Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available.

10 Stability and reactivity

- **• 10.1 Reactivity** Not determined.
- **• 10.2 Chemical stability**
- **• Thermal decomposition / conditions to be avoided:**
  No decomposition if used and stored according to specifications.
- **• 10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **• 10.4 Conditions to avoid** No further relevant information available.
- **• 10.5 Incompatible materials:** Reducing agents, combustible substances.

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11 Toxicological information

• 11.1 Information on toxicological effects

Product as SOLD	Product at USE DILUTION
• Acute toxicity:	Non-toxic at use-dilution.

• LD/LC50 values relevant for classification:		
497-19-8 Sodium Carbonate		
Oral	LD50	4090 mg/kg (rat)
6834-92-0 disodium metasilicate		
Oral	LD50	1280 mg/kg (rat)
64-02-08 Tetrasodium Ethylene Diamine Tetraacetate		
Oral	LD50	1000-2000 mg/kg (rat)
15630-89-4 Sodium Percarbonate		
Oral	LD50	1075 mg/kg (rat)

• Primary irritant effect:	
• on the skin: Strong caustic effect on skin and mucous membranes.	No adverse effects due to skin contact are expected.
• on the eye: Strong irritant with the danger of severe eye injury.	Direct contact with eyes may cause temporary irritation.
• Sensitization: No sensitizing effects known.	No sensitizing effects known.
• Additional toxicological information:	
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:	
Irritant	Not classified

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
  Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  Water Hazard Class (Self-classification) in the concentrate.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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13 Disposal considerations

• 13.1 Waste treatment methods	
Product as SOLD	**Product at USE DILUTION**
• **Recommendation**	
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• **Uncleaned packaging:**	
• **Recommendation:** Disposal must be made according to official regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

14 Transport information

Product as SOLD	
• **14.1 UN-Number** • **DOT, ADR, ADN, IMDG, IATA**	Not applicable.
• **14.2 UN proper shipping name** • **DOT, ADR, ADN, IMDG, IATA**	Cleaning compound, NOI, powder
• **14.3 Transport hazard class(es)** • **DOT** • **Class** • **Label**	 Not applicable. LTD. QTY.
• **14.4 Packing group** • **DOT, ADR, IMDG, IATA**	Not applicable.
• **14.5 Environmental hazards:** • **Marine pollutant:**	No
• **14.6 Special precautions for user**	Not applicable.
• **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
• **UN "Model Regulation":**	Cleaning compound, NOI, powder
Product at USE DILUTION Not intended for transport.	

15 Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
• **United States (USA)**
• **SARA**

Product as SOLD		**Product at USE DILUTION**
• **Section 313 (Specific toxic chemical listings):**		
7601-54-9	trisodium orthophosphate	Not applicable.

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Product as SOLD	Product at USE DILUTION
• TSCA (Toxic Substances Control Act):	
All ingredients are listed.	All ingredients are listed.

• Proposition 65 (California):

• Chemicals known to cause cancer:	
None of the ingredients is listed.	None of the ingredients is listed.
• Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	None of the ingredients is listed.
• Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	None of the ingredients is listed.
• Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	None of the ingredients is listed.

• Carcinogenic Categories

• EPA (Environmental Protection Agency)	
None of the ingredients is listed.	None of the ingredients is listed.
• IARC (International Agency for Research on Cancer)	
None of the ingredients is listed.	Not applicable.
• TLV (Threshold Limit Value established by ACGIH)	
None of the ingredients is listed.	None of the ingredients is listed.
• NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	None of the ingredients is listed.
• OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	All ingredients are listed.

• Canada

• Canadian Domestic Substances List (DSL)	
All ingredients are listed.	All ingredients are listed.
• Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	None of the ingredients is listed.

• Canadian Ingredient Disclosure list (limit 1%)		
497-19-8	Sodium Carbonate	Not applicable.
6834-92-0	disodium metasilicate	Not applicable.
64-02-08	Tetrasodium Ethylene Diamine Tetraacetate	Not applicable.
15630-89-4	Sodium Percarbonate	Not applicable.

• National regulations:
• Other regulations, limitations and prohibitive regulations

• Substances of very high concern (SVHC) according to REACH, Article 57		
127087-87-0	Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy, branched	Not applicable.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant phrases**

H272	May intensify fire; oxidizer.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled
H335	May cause respiratory irritation.
R8	Contact with combustible material may cause fire.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.

Product as SOLD	Product at USE DILUTION
• **Hazardous Material Information System (U.S.A.)**	
Health: 2 Flammability: 0 Physical hazards: 1	Health: 0 Flammability: 0 Physical hazards: 0
4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant	4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant
• **NFPA ratings (scale 0 - 4)**	
 Health = 2 Fire = 0 Reactivity = 1	 Health = 0 Fire = 0 Reactivity = 0

SDS File Name: DP35 Professional Supply COFFEE CLEAN SDS

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LD50: Lethal dose, 50 percent

• **Sources**

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