



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

Trade name: Coffee Cleaner

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

- 1.1 Product identifier
Trade name: Coffee Cleaner ST-808
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
Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Email: stearns@stearnspkg.com
Website: www.stearnspkg.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

Table with 2 columns: Product as SOLD, Product at USE DILUTION. Rows include GHS05 corrosion (Skin Corr. 1C H314, Eye Dam. 1 H318) and GHS07 (Acute Tox., Oral 4 H302, STOT SE3 H335).

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

Table with 2 columns: Product as SOLD, Product at USE DILUTION. Row includes Xi; Irritant (R37) and C; Corrosive (R34).

- Information concerning particular hazards for human and environment:

Table with 2 columns: Product as SOLD, Product at USE DILUTION. Text: The product has to be labelled 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 / protective clothing / 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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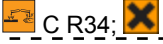







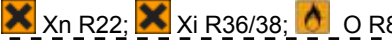




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3 Composition/information on ingredients

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

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<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • Hazards Danger of gastric perforation. Danger of severe eye injury. 	No known effects.
<ul style="list-style-type: none"> • 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

<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 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.
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• 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.
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• 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.
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• Further information about storage conditions:

This product is hygroscopic. Protect from humidity and water. Store in dry conditions.	No storage precautions necessary.
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• 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/cm ³	1.00 g/cm ³
• 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: <table border="1"> <thead> <tr> <th colspan="3">• LD/LC50 values relevant for classification:</th> </tr> </thead> <tbody> <tr> <td colspan="3">497-19-8 Sodium Carbonate</td> </tr> <tr> <td>Oral</td> <td>LD50</td> <td>4090 mg/kg (rat)</td> </tr> <tr> <td colspan="3">6834-92-0 disodium metasilicate</td> </tr> <tr> <td>Oral</td> <td>LD50</td> <td>1280 mg/kg (rat)</td> </tr> <tr> <td colspan="3">64-02-08 Tetrasodium Ethylene Diamine Tetraacetate</td> </tr> <tr> <td>Oral</td> <td>LD50</td> <td>1000-2000 mg/kg (rat)</td> </tr> <tr> <td colspan="3">15630-89-4 Sodium Percarbonate</td> </tr> <tr> <td>Oral</td> <td>LD50</td> <td>1075 mg/kg (rat)</td> </tr> </tbody> </table>	• 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)	Non-toxic at use-dilution.
• LD/LC50 values relevant for classification:																												
497-19-8 Sodium Carbonate																												
Oral	LD50	4090 mg/kg (rat)																										
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15630-89-4 Sodium Percarbonate																												
Oral	LD50	1075 mg/kg (rat)																										
• Primary irritant effect: <table border="1"> <tbody> <tr> <td> • on the skin: Strong caustic effect on skin and mucous membranes. </td> <td>No adverse effects due to skin contact are expected.</td> </tr> <tr> <td> • on the eye: Strong irritant with the danger of severe eye injury. </td> <td>Direct contact with eyes may cause temporary irritation.</td> </tr> </tbody> </table>	• 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.																								
• 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	
<ul style="list-style-type: none"> • 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA 	Not applicable.
<ul style="list-style-type: none"> • 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA 	Cleaning compound, NOI, powder
<ul style="list-style-type: none"> • 14.3 Transport hazard class(es) • DOT 	
	
<ul style="list-style-type: none"> • Class • Label 	Not applicable. LTD. QTY.
<ul style="list-style-type: none"> • 14.4 Packing group • DOT, ADR, IMDG, IATA 	Not applicable.
<ul style="list-style-type: none"> • 14.5 Environmental hazards: • Marine pollutant: 	No
<ul style="list-style-type: none"> • 14.6 Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> • 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-ethanediy),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.)																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #0056b3; color: white;">Health</td><td style="text-align: center;">2</td></tr> <tr><td style="background-color: #d62728; color: white;">Flammability</td><td style="text-align: center;">0</td></tr> <tr><td style="background-color: #ffc107; color: white;">Physical hazards</td><td style="text-align: center;">1</td></tr> <tr><td> </td><td> </td></tr> </table> <p>4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant</p>	Health	2	Flammability	0	Physical hazards	1			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #0056b3; color: white;">Health</td><td style="text-align: center;">0</td></tr> <tr><td style="background-color: #d62728; color: white;">Flammability</td><td style="text-align: center;">0</td></tr> <tr><td style="background-color: #ffc107; color: white;">Physical hazards</td><td style="text-align: center;">0</td></tr> <tr><td> </td><td> </td></tr> </table> <p>4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant</p>	Health	0	Flammability	0	Physical hazards	0		
Health	2																
Flammability	0																
Physical hazards	1																
Health	0																
Flammability	0																
Physical hazards	0																
• NFPA ratings (scale 0 - 4)																	
<div style="display: flex; align-items: center;"> <div> <p>Health = 2</p> <p>Fire = 0</p> <p>Reactivity = 1</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p>Health = 0</p> <p>Fire = 0</p> <p>Reactivity = 0</p> </div> </div>																

SDS File Name: DP35 COFFEE CLEANER 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

SDS Prepared by:
 ChemTel Inc.
 1305 North Florida Avenue
 Tampa, Florida USA 33602-2902
 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
 Website: www.chemtelinc.com

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