# SAFETY DATA SHEET

**Issuing Date:** 23-Sep-2016 **Revision Date:** 14-May-2018 **Version** 1

## 1. IDENTIFICATION

| | |
|---|---|
| **Product Name** | Cascade Professional Silverware Presoak |
| **Product Code(s)** | 7-10 |
| **Product Identifier** | 90743923_PROF_NG |
| **Product Type:** | Finished Product - Professional Use Only |
| **Recommended Use** | Dish Care. |
| **Details of the supplier of the safety data sheet** | Procter & Gamble Professional<br>1 P&G Plaza<br>Cincinnati, Ohio 45202<br><br>Procter & Gamble Inc.<br>P.O. Box 355, Station A<br>Toronto, ON M5W 1C5<br><br>1-800-332-7787 |
| **E-mail Address** | pgsds.im@pg.com |
| **Emergency Telephone** | Transportation (24 HR)<br>CHEMTREC - 1-800-424-9300<br>(U.S./ Canada) or 1-703-527-3887<br>Mexico toll free in country: 800-681-9531 |

## 2. HAZARD IDENTIFICATION

**This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.**

| | |
|---|---|
| **Hazard Category**<br>**Eye Damage / Irritation** | Category 2A |
| **Signal Word** | WARNING |
| **Hazard Statements** | Causes serious eye irritation |

**Hazard pictograms**

| | |
|---|---|
| **Precautionary Statements** | None |
| **Precautionary Statements - Response** | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing<br>If eye irritation persists: Get medical advice/attention |

IF SWALLOWED:
Drink 1 or 2 glasses of water

**Precautionary Statements - Storage** None

**Precautionary Statements - Disposal** Dispose of contents/container in accordance with local regulation

**Hazards not otherwise classified (HNOC)** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation**

| Chemical Name | Synonyms | Trade Secret | CAS-No | Weight-% |
|---|---|---|---|---|
| Benzyl alcohol | Benzenemethanol | Yes | 100-51-6 | 1 - 5 |
| Ethoxydiglycol | Ethoxydiglycol | Yes | 111-90-0 | 1 - 5 |
| Ethanol | Ethanol | Yes | 64-17-5 | 1 - 5 |
| Benzenesulfonic acid, (1-methylethyl)-, sodium salt (1:1) | Benzenesulfonic acid, (1-methylethyl)-, sodium salt (1:1) | Yes | 28348-53-0 | 1 - 5 |
| Lauramine Oxide | Lauramine Oxide | Yes | 70592-80-2 | 1 - 5 |
| Alcohols, C10-16, ethoxylated | Alcohols, C10-16, ethoxylated | Yes | 68002-97-1 | 0.5 - 1.5 |

**Additional information** Actual concentrations withheld as trade secret in accordance with Canadian HPR

## 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

**Eye contact** Rinse with plenty of water. Get medical attention immediately if irritation persists.

**Skin contact** Rinse with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion** Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

**Inhalation** Move to fresh air. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed** None under normal use conditions.

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

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Dry chemical, $CO_2$, alcohol-resistant foam or water spray.

**Unsuitable Extinguishing Media** None.

**Special hazard** None known.

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

**Specific hazards arising from the** None.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

**Advice for emergency responders** Use personal protective equipment as required.

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

**Methods for containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** .

| Chemical Name | CAS-No | ACGIH TLV | OSHA PEL | Mexico PEL |
|---|---|---|---|---|
| Ethanol | 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m³<br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m³ | Mexico: TWA 1000 ppm<br>Mexico: TWA 1900 mg/m³ |

| Chemical Name | CAS-No | Alberta | Quebec | Ontario TWAEV | British Columbia |
|---|---|---|---|---|---|
| Ethoxydiglycol | 111-90-0 | | | TWA: 30 ppm<br>TWA: 165 mg/m³ | |
| Ethanol | 64-17-5 | TWA: 1000 ppm<br>TWA: 1880 mg/m³ | TWA: 1000 ppm<br>TWA: 1880 mg/m³ | STEL: 1000 ppm | STEL: 1000 ppm |

No relevant exposure guidelines for other ingredients

**Exposure controls**

**Engineering Measures** **Distribution, Workplace and Household Settings:**
Ensure adequate ventilation

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Where reasonably practicable this should be achieved by the use of local exhaust

ventilation and good general extraction

**Personal Protective Equipment**

**Eye Protection**

**Distribution, Workplace and Household Settings:**
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Use appropriate eye protection

**Hand Protection**

**Distribution, Workplace and Household Settings:**
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Protective gloves

**Skin and Body Protection**

**Distribution, Workplace and Household Settings:**
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Wear suitable protective clothing

**Respiratory Protection**

**Distribution, Workplace and Household Settings:**
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
In case of inadequate ventilation wear respiratory protection

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C** Liquid
**Appearance** Clear blue
**Odor** citrus
**Odor threshold** No information available

| Property | Values | Note |
|---|---|---|
| **pH value** | 7.8 | 10% aqueous solution |
| **Melting Point / Freezing Point** | No information available | |
| **Boiling point / boiling range** | No information available | |
| **Flash point** | 99 °C / 210.2 °F | Closed cup. |
| **Evaporation rate** | No information available | |
| **Flammability (solid, gas)** | No information available | |
| **Flammability Limits in Air** | | |
| **Upper flammability limit** | No information available | |
| **Lower Flammability Limit** | No information available | |
| **Vapor pressure** | No information available | |
| **Vapor density** | No information available | |
| **Relative density** | No information available | |
| **Water solubility** | No information available | |
| **Partition coefficient: n-octanol/water** | No information available | |
| **Autoignition temperature** | No information available | . |
| **Decomposition temperature** | No information available | . |
| **Viscosity** | No information available | |
| **VOC Content (%)** | Products comply with US state and federal regulations for VOC content in consumer products. | |

## 10. STABILITY AND REACTIVITY

**Reactivity** None under normal use conditions.

**Stability** Stable under normal conditions.

**Hazardous polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

**Conditions to Avoid** None under normal processing.

**Incompatible materials** None in particular.

**Hazardous Decomposition Products** None under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

**Product Information**

**Information on likely routes of exposure**

**Inhalation** No known effect.
**Skin contact** No known effect.
**Ingestion** No known effect.
**Eye contact** Causes serious eye irritation.

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

**Acute toxicity** No known effect.
**Skin corrosion/irritation** No known effect.
**Serious eye damage/eye irritation** Causes serious eye irritation.
**Skin sensitization** No known effect.
**Respiratory sensitization** No known effect.
**Germ cell mutagenicity** No known effect.
**Neurological Effects** No known effect.
**Reproductive toxicity** No known effect.
**Developmental toxicity** No known effect.
**Teratogenicity** No known effect.
**STOT - single exposure** No known effect.
**STOT - repeated exposure** No known effect.
**Target Organ Effects** No known effect.
**Aspiration hazard** No known effect.
**Carcinogenicity** No known effect.

**Component Information**

| Chemical Name | CAS-No | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|---|
| Benzyl alcohol | 100-51-6 | 1620 mg/kg (rat) | - | 11 mg/l/4h (rat) |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not expected to be hazardous to the environment.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

| | |
|---|---|
| **Waste from Residues/Unused Products** | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| **Contaminated packaging** | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| **California Hazardous Waste Codes (non-household setting)** | 331 |

## 14. TRANSPORT INFORMATION

| | |
|---|---|
| **DOT** | Not regulated |
| **IMDG** | Not regulated |
| **IATA** | Not regulated |

## 15. REGULATORY INFORMATION

**U.S. 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

**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.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**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).

**California Proposition 65**
This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**
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| Chemical Name | CAS-No | New Jersey |
|---|---|---|
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Massachusetts |
|---|---|---|
| Benzyl alcohol | 100-51-6 | X |
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|---|---|---|
| Benzyl alcohol | 100-51-6 | X |
| Ethanol | 64-17-5 | X |

## International Inventories

**United States**
All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**
This product is in compliance with CEPA for import by P&G.

**Legend**
United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)
**CEPA** - Canadian Environmental Protection Act

## 16. OTHER INFORMATION

**Issuing Date:** 23-Sep-2016
**Revision Date:** 14-May-2018
**Disclaimer.**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**