

SAFETY DATA SHEET



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Version 1

1. IDENTIFICATION

Product Name Tide Coldwater Free

Product ID: 97202531_RET_NG

Product Type: Finished Product - Consumer (Retail) Use Only

Recommended Use Laundry Care

Restrictions on Use Use only as directed on label.

Manufacturer PROCTER & GAMBLE - Fabric and Home Care Division. Ivorydale Technical Centre. 5289 Spring Grove Avenue, Cincinnati, Ohio 45217-1087 USA

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

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

Hazard Category

Acute toxicity - Oral Category 4
Eye Damage / Irritation Category 2B

Signal Word WARNING

Hazard Statements Causes eye irritation
Harmful if swallowed

Hazard pictograms



Precautionary Statements - Prevention Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product

| | |
|--|--|
| Precautionary Statements - Response | 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 IF SWALLOWED: Rinse with plenty of water Drink 1 or 2 glasses of water Call a POISON CENTER or doctor/physician if you feel unwell |
| Precautionary Statements - Storage | None |
| Precautionary Statements - Disposal | None |
| 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 % |
|---|----------|--------------|------------|-----------|
| Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts | - | No | 68585-34-2 | 10 - 15 |
| Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts | - | No | 68081-81-2 | 5 - 10 |
| Propylene glycol | - | No | 57-55-6 | 5 - 10 |
| Ethanol, 2-amino-, 2-hydroxy-1,2,3-propanetricarboxylate (1:?) | - | No | 17863-38-6 | 1 - 5 |
| MEA-Dodecylbenzenesulfonate | - | No | 68910-32-7 | 1 - 5 |
| 2,2'-Oxybisethanol | - | No | 111-46-6 | 1 - 5 |
| Ethanol | - | No | 64-17-5 | 1 - 5 |
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | - | No | 68585-47-7 | 1 - 5 |
| Disodium tetraborate pentahydrate | - | No | 12179-04-3 | 0.5 - 1.5 |
| Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5) | - | No | 140-01-2 | 0.1 - 1.0 |

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 | Rinse mouth. 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. |

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, CO₂, 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 chemical 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 TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m ³ |
| Disodium tetraborate pentahydrate | 12179-04-3 | STEL: 6 mg/m ³ inhalable fraction | (vacated) TWA: 10 mg/m ³ | Mexico: TWA 1 mg/m ³ |

| | | TWA: 2 mg/m ³ inhalable fraction | | | |
|-----------------------------------|------------|--|--|--|---|
| Chemical Name | CAS-No | Alberta | Quebec | Ontario TWAEV | British Columbia |
| Propylene glycol | 57-55-6 | | | TWA: 10 mg/m ³ TWA: 50 ppm TWA: 155 mg/m ³ | |
| Ethanol | 64-17-5 | TWA: 1000 ppm TWA: 1880 mg/m ³ | TWA: 1000 ppm TWA: 1880 mg/m ³ | STEL: 1000 ppm | STEL: 1000 ppm |
| Disodium tetraborate pentahydrate | 12179-04-3 | TWA: 1 mg/m ³ STEL: 3 ppm | TWA: 1 mg/m ³ | TWA: 2 mg/m ³ STEL: 6 mg/m ³ | TWA: 2 mg/m ³ STEL: 6 mg/m ³ |

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 insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C

liquid

Appearance

blue

Odor

Slight

Odor threshold

No information available

Property

Values

Note

pH value

8.0 - 8.6

10% aqueous solution

Melting/freezing point

No information available

Boiling point/boiling range

No information available

| | |
|--|---|
| Flash point | > 65.5 °C / > 150 °F |
| 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 | 1.0763 |
| Water solubility | 100% |
| Solubility in other solvents | No information available |
| Partition coefficient: n-octanol/water | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Viscosity of Product | 200 - 1100 cps |
| 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. |
| Materials to avoid | None in particular. |
| Hazardous Decomposition Products | None under normal use. |

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

| | |
|--------------|------------------------------|
| Inhalation | No known effect. |
| Skin contact | No known effect. |
| Ingestion | May be harmful if swallowed. |
| Eye contact | Irritating to eyes. |

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

| | |
|-----------------------------------|------------------------------|
| Acute toxicity | May be harmful if swallowed. |
| Skin corrosion/irritation | No known effect. |
| Serious eye damage/eye irritation | Irritating to eyes. |
| 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 | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|------------|--|--|---|
| Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts | 68585-34-2 | >2001 mg/kg | - | - |
| Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts | 68081-81-2 | 1090.00 mg/kg (rat) | - | - |
| Propylene glycol | 57-55-6 | 22000 mg/kg (rat) | 2000 mg/kg (rabbit) | > 317.042 mg/L (Guideline not indicated; rabbit; 2 h) |
| 2,2'-Oxybisethanol | 111-46-6 | 12000.00 mg/kg (rat) | - | - |
| Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5) | 140-01-2 | > 5000 mg/kg bw (Read across data (test substance name not indicated); OECD 401; standard acute method; rat) | > 2000 mg/kg bw (OECD 402 and EU Method B.3; standard acute method; 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**

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)

| Chemical Name | CAS-No | New Jersey |
|------------------|---------|------------|
| Propylene glycol | 57-55-6 | X |
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Massachusetts |
|---------------|---------|---------------|
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|-----------------------------------|------------|--------------|
| Propylene glycol | 57-55-6 | X |
| 2,2'-Oxybisethanol | 111-46-6 | X |
| Ethanol | 64-17-5 | X |
| Disodium tetraborate pentahydrate | 12179-04-3 | 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

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

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| 16. OTHER INFORMATION |
|------------------------------|

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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