

SAFETY DATA SHEET



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Version 1.01

This Safety Data Sheet (SDS) is not required under local legislation, implementing the UN Globally Harmonized System (GHS). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product

1. IDENTIFICATION

| | |
|---|--|
| Product Name | Tide Simply Free and Sensitive |
| Product Identifier | 91000451_RET_NG |
| Product Type: | Finished Product - Consumer (Retail) Use Only |
| Recommended Use | Laundry Care. |
| Restrictions on Use | Use only as directed on label. |
| Details of the supplier of the safety data sheet | PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5289 Spring Grove Avenue Cincinnati, Ohio 45217-1087 USA Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-331-3774 |
| 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 2A |
| Flammable Liquids | Category 4 |

| | |
|--------------------|---------|
| Signal Word | WARNING |
|--------------------|---------|

| | |
|--------------------------|---|
| Hazard Statements | Causes serious eye irritation Harmful if swallowed Combustible liquid |
|--------------------------|---|

Hazard pictograms**Precautionary Statements**

Wash hands thoroughly after handling
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 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:
 Drink 1 or 2 glasses of water
 Call a POISON CENTER or doctor/physician if you feel unwell
 In case of fire: Use water, CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

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 | Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts | No | 68585-34-2 | 5 - 10 |
| Disodium tetraborate pentahydrate | Boron sodium oxide (B ₄ Na ₂ O ₇), pentahydrate | No | 12179-04-3 | 1 - 5 |
| Dodecylbenzene Sulfonic Acid | Benzenesulfonic acid, C10-16-alkyl derivs. | No | 68584-22-5 | 1 - 5 |
| Propylene glycol | Propylene Glycol | No | 57-55-6 | 1 - 5 |
| Citric acid | 1,2,3-Propanetricarboxylic acid, 2-hydroxy- | No | 77-92-9 | 1 - 5 |
| Ethanol | Ethanol | No | 64-17-5 | 1 - 5 |
| Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (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 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 In case of fire: Use water, CO2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Special hazard Combustible liquid.

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 Keep away from open flames, hot surfaces and sources of ignition. 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 Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | CAS-No | ACGIH TLV | OSHA PEL | Mexico PEL |
|-----------------------------------|------------|---|--|--|
| Disodium tetraborate pentahydrate | 12179-04-3 | STEL: 6 mg/m ³ inhalable fraction TWA: 2 mg/m ³ inhalable fraction | (vacated) TWA: 10 mg/m ³ | Mexico: TWA 1 mg/m ³ |
| 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 |

| Chemical Name | CAS-No | Alberta | Quebec | Ontario TWAEV | British Columbia |
|-----------------------------------|------------|--|--|--|---|
| 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 |
| 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 |

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 Yellow | |
| Odor | Slight | |
| Odor threshold | No information available | |
| <u>Property</u> | <u>Values</u> | <u>Note</u> |
| pH value | 7.9 - 8.6 | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | No information available | |
| Flash point | 66 °C / 149.9 °F | Closed cup. Does not sustain combustion. Product is an aqueous solution containing <=24% alcohol and >=50% water. |
| 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 | 1.000 – 1.0980 | |
| Water solubility | 100% | |
| Partition coefficient: n-octanol/water | No information available | |
| Autoignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Viscosity of Product | 100-1100 cps mm2/s | |
| 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 | Keep away from open flames, hot surfaces and sources of ignition. |
| Materials to avoid | None in particular. |
| Hazardous Decomposition Products | None under normal use conditions. |

11. TOXICOLOGICAL INFORMATIONProduct Information

Information on likely routes of exposure

| | |
|---------------------|--------------------------------|
| Inhalation | No known effect. |
| Skin contact | No known effect. |
| Ingestion | May be harmful if swallowed. |
| Eye contact | Causes serious eye irritation. |

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 | 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 |
|---|------------|----------------------------|------------------------------|-----------------------------|
| Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts | 68585-34-2 | >2001 mg/kg | - | - |
| Dodecylbenzene Sulfonic Acid | 68584-22-5 | - | > 5000 mg/kg bw (//OECD 402) | > 1.9 mg/L air (OECD 403) |
| Citric acid | 77-92-9 | 5400 mg/kg bw (//OECD 401) | > 2000 mg/kg bw (OECD 402) | - |
| Ethanol | 64-17-5 | 10470 mg/kg bw (OECD 401) | - | 116.9 mg/L air (//OECD 403) |
| Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5) | 140-01-2 | > 5000 mg/kg bw (OECD 401) | > 2000 mg/kg bw (OECD 402) | - |

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

| Chemical Name | CAS-No | Hazardous Substances RQs | Extremely Hazardous Substances RQs | CERCLA/SARA 302 TPQ |
|------------------|-----------|--------------------------|------------------------------------|---------------------|
| Sodium hydroxide | 1310-73-2 | 1000 lb | - | |
| Sulphuric acid | 7664-93-9 | 1000 lb | 1000 lb | 1000 lb |

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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

| Chemical Name | CAS-No | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------|-----------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium hydroxide | 1310-73-2 | 1000 lb | - | - | X |
| Sulphuric acid | 7664-93-9 | 1000 lb | - | - | X |

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 |
|-----------------------------------|------------|---------------|
| Disodium tetraborate pentahydrate | 12179-04-3 | X |
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|--------------------|-----------|--------------|
| Propylene glycol | 57-55-6 | X |
| Ethanol | 64-17-5 | X |
| 2-Aminoethanol | 141-43-5 | X |
| 2,2'-Oxybisethanol | 111-46-6 | X |
| Sodium hydroxide | 1310-73-2 | X |
| Sulphuric acid | 7664-93-9 | 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: 30-Jun-2016

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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