

SAFETY DATA SHEET



Issuing Date: 06-Mar-2015

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Version 1

1. IDENTIFICATION

| | |
|----------------------------|--|
| Product Name | Tide Pods - Original |
| Product ID: | 97050619_RET_NG |
| Product Type: | Finished Product - Consumer (Retail) Use Only |
| Recommended Use | Laundry Care |
| Restrictions on Use | Use only as directed on label. Keep out of reach of children. |
| 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 |
| Skin corrosion/irritation | Category 2 |
| Eye Damage / Irritation | Category 2A |

Signal Word WARNING

Hazard Statements
Causes serious eye irritation
Harmful if swallowed
Causes skin irritation

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 IF ON SKIN: Rinse with plenty of water If skin irritation occurs, get medical advice/attention |
| 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 % |
|--|----------|--------------|-------------|-----------|
| MEA-Dodecylbenzenesulfonate | - | No | 68910-32-7 | 20 - 25 |
| Propylene glycol | - | No | 57-55-6 | 15 - 20 |
| Alcohols, C12-16, ethoxylated | - | No | 68551-12-2 | 10 - 15 |
| Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers | - | No | 162201-45-8 | 10 - 15 |
| Glycerin | - | No | 56-81-5 | 1 - 5 |
| Ethanol, 2-amino-, 2-hydroxy-1,2,3-propanetricarboxylate (1:?) | - | No | 17863-38-6 | 1 - 5 |
| Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5) | - | No | 140-01-2 | 0.5 - 1.5 |
| Hexyl salicylate | - | No | 6259-76-3 | 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 |
|---------------|---------|-----------|--|----------------------------------|
| Glycerin | 56-81-5 | | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate | Mexico: TWA 10 mg/m ³ |

| | | | (vacated) TWA: 5 mg/m ³ mist, respirable 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 | |
| Glycerin | 56-81-5 | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 3 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:
For sensitive skin or prolonged use, wear gloves

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 Liquid that varies in color
Odor Scented
Odor threshold No information available

| | | |
|------------------------------------|--------------------------|-------------|
| <u>Property</u> | <u>Values</u> | <u>Note</u> |
| pH value | 6.8 - 7.4 | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | No information available | |
| Flash point | > 93.3 °C / > 200 °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 | 1.07 |
| 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 | 4500 - 7500 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 | Irritating to skin. |
| Ingestion | May be harmful if swallowed. |
| Eye contact | Causes serious eye irritation. Irritating, but will not permanently injure eye tissue. |

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 | Irritating to skin. |
| 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 | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|----------|---|---|---|
| Propylene glycol | 57-55-6 | 22000 mg/kg (rat) | 2000 mg/kg (rabbit) | > 317.042 mg/L (Guideline not indicated; rabbit; 2 h) |
| Glycerin | 56-81-5 | - | - | > 2.75 mg/L (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, 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 hydrogensulphite ...% | 7631-90-5 | 5000 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 hydrogensulphite ...% | 7631-90-5 | 5000 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 |
| Glycerin | 56-81-5 | X |

| Chemical Name | CAS-No | Massachusetts |
|---------------|---------|---------------|
| Glycerin | 56-81-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|------------------------------|------------|--------------|
| Propylene glycol | 57-55-6 | X |
| Glycerin | 56-81-5 | X |
| Sodium hydrogensulphite ...% | 7631-90-5 | X |
| Dipropylene Glycol | 25265-71-8 | X |
| 9-Octadecenoic acid (9Z)- | 112-80-1 | 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

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