1. Identification

Product identifier

Product Name: PDI Castile Soap Towelettes

Other means of identification

Product Code(s): SDS 0056-00
Synonyms: None
Other information: Bulk Liquid: 4ED41901
Item Number(s): D41900

Recommended use of the chemical and restrictions on use

Recommended use: Skin Cleanser.
Restrictions on use: For professional and hospital use.

Details of the supplier of the safety data sheet

Manufacturer Address
Nice-Pak/PDI, Inc.
Two Nice-Pak Park
Orangeburg, NY 10962-1376
1-845-365-1700

Supplier Address
Professional Disposables International, Inc.
400 Chestnut Ridge Road
Woodcliff Lake, NJ 07677

Distributor
Professional Disposables International, LTD/Nice-Pak Product
Vaughan, Ontario L4L 4K9 Canada

Emergency telephone number

Emergency Telephone
PERS:
1-800-633-8253 (Domestic/Canada)
1-801-699-0667 (International)

2. Hazard(s) identification

Classification

Skin sensitization
Category 1

Appearance
Towel saturated with colorless liquid.

Physical state
Solid.

Odor
Faint soap.

Label elements

Warning

Hazard statements
May cause an allergic skin reaction
Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves as per facility protocol.

Precautionary Statements - Response
Specific treatment (see .? on this label)
Skin
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other information
Causes mild skin irritation Harmful to aquatic life

Unknown acute toxicity
1.362 % of the mixture consists of ingredient(s) of unknown toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not applicable.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>0.356</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>p-Chloro-m-xyleneol</td>
<td>88-04-0</td>
<td>0.25</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. First-aid measures

Description of first aid measures

General advice
Show this safety data sheet to the doctor in attendance.

Inhalation
Remove to fresh air.
Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact
Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion
Clean mouth with water and drink plenty of water afterwards.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
Itching. Rashes. Hives. Prolonged contact may cause irritation with drying and dermatitis.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
May cause sensitization in susceptible persons. Treat symptomatically.

---

### 5. Fire-fighting measures

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**
Product is or contains a sensitizer. May cause sensitization by skin contact.

**Explosion data**

<table>
<thead>
<tr>
<th>Sensitivity to mechanical impact</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to static discharge</td>
<td>None.</td>
</tr>
</tbody>
</table>

**Special protective equipment for fire-fighters**
Firefighters should wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Use personal protection equipment.

---

### 6. Accidental release measures

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

**Personal precautions**
Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Methods and material for containment and cleaning up**

**Methods for containment**
Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**
Pick up and transfer to properly labeled containers.

---

### 7. Handling and storage

**Precautions for safe handling**
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat or drink when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**
Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>(vacated) Ceiling: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
<td>CEV: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear eye protection per facility protocol.

Hand protection
Wear gloves per facility protocol.

Skin and body protection
Wear suitable protective clothing per facility protocol.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state
Solid.

Appearance
Towel saturated with colorless liquid.

Color
Colorless to light yellow

Odor
Faint soap.

Odor threshold
No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>9.4-9.6</td>
<td>None known</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100.0 °C / &gt; 212.0 °F</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>
### 10. Stability and reactivity

**Reactivity**
No information available.

**Chemical stability**
Stable under normal conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Conditions to avoid**
None known based on information supplied.

**Incompatible materials**
None known based on information supplied.

**Hazardous decomposition products**
None known based on information supplied.

### 11. Toxicological information

**Information on likely routes of exposure**

**Product Information**

<table>
<thead>
<tr>
<th>Route</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Specific test data for the substance or mixture is not available.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Specific test data for the substance or mixture is not available.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes mild skin irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Specific test data for the substance or mixture is not available.</td>
</tr>
</tbody>
</table>

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**
Itching. Rashes. Hives. Prolonged contact may cause irritation with drying and dermatitis.

**Acute toxicity**

**Numerical measures of toxicity**

**Unknown acute toxicity**
1.362 % of the mixture consists of ingredient(s) of unknown toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
1.362 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>284 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p-Chloro-m-xyleneol</td>
<td>3830 mg/kg (Rat)</td>
<td>&gt; 2 g/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>88-04-0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- **Skin corrosion/irritation**: Classification based on data available for ingredients. May cause skin irritation.
- **Serious eye damage/eye irritation**: No information available.
- **Respiratory or skin sensitization**: May cause sensitization by skin contact.
- **Germ cell mutagenicity**: No information available.
- **Carcinogenicity**: No information available.
- **Reproductive toxicity**: No information available.
- **Teratogenicity**: The finished product is not expected to have chronic health effects.

### STOT - single exposure
No information available.

### STOT - repeated exposure
No information available.

### Aspiration hazard
No information available.

### 12. Ecological information

#### Ecotoxicity
Harmful to aquatic life.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>-</td>
<td>LC50: 80mg/L (96h, Gambusia affinis)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>p-Chloro-m-xyleneol</td>
<td>-</td>
<td>LC50: 1.3 - 2.1mg/L (96h, Lepomis macrochirus)</td>
<td>EC50: 1.6 mg/L 5 min</td>
<td>EC50: 6.7 - 9mg/L (48h, Daphnia magna)</td>
</tr>
<tr>
<td>88-04-0</td>
<td></td>
<td>LC50: 0.13 - 1.0mg/L (96h, Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Persistence and degradability
No information available.

#### Bioaccumulation
No information available.

### Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>0.83</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
</tr>
</tbody>
</table>

### Other adverse effects
No information available.
13. Disposal considerations

Waste treatment methods

Waste from residues/unused products  Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging  Do not reuse empty containers.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Toxic Corrosive</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
</tr>
</tbody>
</table>

14. Transport information

DOT  Not regulated as dangerous goods.
TDG  Not regulated as dangerous goods.
MEX  Not regulated as dangerous goods.
ICAO (air)  Not regulated as dangerous goods.
IATA  Not regulated as dangerous goods.
IMDG  Not regulated as dangerous goods.
RID  Not regulated as dangerous goods.
ADR  Not regulated as dangerous goods.
ADN  Not regulated as dangerous goods.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer  Not applicable
The Stockholm Convention on Persistent Organic Pollutants  Not applicable
The Rotterdam Convention  Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>ENCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>IECSC</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>KECL</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>PICCS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
<tr>
<td>AICS</td>
<td>Contact supplier for inventory compliance status.</td>
</tr>
</tbody>
</table>

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US 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.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (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).

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1000 lb</td>
<td>-</td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td>RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>56-81-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oleic Acid</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>112-80-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EPA Pesticide Registration Number Not applicable

16. Other information
Key or legend to abbreviations and acronyms used in the safety data sheet

Legend  Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
TWA  TWA (time-weighted average)  STEL  STEL (Short Term Exposure Limit)
Ceiling  Maximum limit value  *  Skin designation

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEG(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Issuing Date  01-Dec-2014
Revision date  28-Feb-2020
Revision Note  No information available.

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 Safety Data Sheet