SAFETY DATA SHEET

1. Identification

Product identifier: BRAWNY INDUSTRIAL® WET SHOP TOWEL

Product list:
- Brawny Industrial® Wet Shop Towel Pail 21500
- Brawny Industrial® Wet Hand Towel Pail 21501
- Brawny Industrial® Wet Hand Towel Sample Pack GP5972

Other means of identification:
- SDS number: GP-801A

Recommended use: Synthetic fiber towels used to clean grease and grime off hands.

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information:

Manufacturer

Company name: Manufactured for: Georgia-Pacific Consumer Products LP
Address: 133 Peachtree Street, NE
Atlanta, GA 30303
Telephone: Technical Information: 866.435.5647
(M)SDS Request: 404.652.5119
e-mail: MSDSREQ@GAPAC.com
Emergency phone number: Chembrec - Emergency: 800.424.9300

Importer/Supplier/Distributor: Not applicable.

2. Hazard(s) identification

Emergency overview: Will burn rapidly in a fire.

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

Label elements:

- Hazard symbol: None.
- Signal word: None.

Hazard statement: The mixture does not meet the criteria for classification.

Precautionary statement:

Prevention: Observe good industrial hygiene practices.
Response: Wash hands after handling large quantities.
Storage: Store away from strong oxidizers.
Disposal: Dispose of waste and residues in accordance with local authority requirements.

Other hazards: None known.

Supplemental information: None.

3. Composition/information on ingredients

Mixtures:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>1 - &lt; 2</td>
<td></td>
</tr>
<tr>
<td>Rayon/Polyester/Polyethylene/Polyp ropylene Synthetic Fiber</td>
<td>Mixture</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

Material name: BRAWNY INDUSTRIAL® WET SHOP TOWEL

SDS CANADA

4505 Version #: 01 Issue date: 06-02-2017
4. First-aid measures

**Inhalation**
Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.

**Skin contact**
If irritation develops, wash with soap and water. Get medical attention if irritation persists.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

**Ingestion**
Not a normal route of exposure. If ingested seek medical attention or call a poison control center.

**Most important symptoms/effects, acute and delayed**
Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed**
Treat symptomatically.

**General information**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

**Suitable extinguishing media**
Dry chemical, foam, carbon dioxide, or water.

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**
Firefighters should wear full protective clothing including self contained breathing apparatus. Use water spray to cool unopened containers.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
No unusual fire or explosion hazards noted. This product is not expected to burn unless all water is boiled away. The remaining organic compounds may be ignitable. Use water to cool containers exposed to fire.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

**Methods and materials for containment and cleaning up**
Pick up and discard towel. Slipping hazard; absorb any residual liquid remaining on surfaces. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

**Precautions for safe handling**
For external use only. Keep out of reach of children. Avoid contact with eyes; in case of contact, flush eyes with water.

**Conditions for safe storage, including any incompatibilities**
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Provide cool storage away from combustion sources.

8. Exposure controls/personal protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol (CAS 57-55-6)</td>
<td>TWA</td>
<td>155 mg/m3</td>
<td>Vapor and aerosol.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Aerosol</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
<td>Vapor and aerosol.</td>
</tr>
</tbody>
</table>

**Biological limit values**
No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls

Individual protection measures, such as personal protective equipment

Eye/face protection

None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin protection

Hand protection

None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.

Other

Respiratory protection

Not normally needed.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke.

9. Physical and chemical properties

Appearance

Sheet moistened with liquid cleanser

Physical state

Solid.

Form

Solid.

Colour

Blue

Odour

Floral

Odour threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

> 97.2 °C (> 207.0 °F) Tag closed cup (Hand Wipe Solution)

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Explosive limit – upper (%)

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

Not available.

Solubility(ies)

Solubility (water)

Not available.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Viscosity

Not available.

Other information

Flash point class

Combustible IIIB

10. Stability and reactivity

Reactivity

No dangerous reactions known under conditions of normal use.
### Chemical stability
Material is stable under normal conditions.

### Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

### Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### Incompatible materials
Strong oxidizers.

### Hazardous decomposition products
Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

### 11. Toxicological information

#### Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No effects expected under normal conditions of use.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No effects expected under normal conditions of use.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>None expected when product is used as intended. Direct contact with eyes causes temporary irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.</td>
</tr>
</tbody>
</table>

#### Symptoms related to the physical, chemical and toxicological characteristics
None expected when product is used as intended.

#### Information on toxicological effects

| Acute toxicity         | Not hazardous by OSHA/WHMIS criteria.                                                      |

#### Test results

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol (CAS 57-55-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>20.8 g/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>22 g/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Non-irritating in rabbits and humans.</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Non-irritating in rabbits.</td>
<td></td>
</tr>
</tbody>
</table>

#### Respiratory or skin sensitisation
- **Respiratory sensitisation**: Not likely to cause respiratory sensitization.
- **Skin sensitisation**: No evidence of skin sensitization in human repeat insult patch test.
- **Germ cell mutagenicity**: No evidence of mutagenicity or genotoxicity in vitro cell systems or rats.
- **Carcinogenicity**: No evidence of carcinogenicity in rats, mice and dogs. Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.
- **Reproductive toxicity**: No evidence of reproductive or developmental effects in rats, mice, rabbits or hamsters. NOAELs ranged from 1,230 to 1,600 mg/kg/day.
- **Specific target organ toxicity - single exposure**: No evidence of specific target organ effects in rats and humans.
- **Specific target organ toxicity - repeated exposure**: No evidence of specific target organ effects in rats and humans. NOAEL is 2,000 mg/kg/day.
- **Aspiration hazard**: Not likely to cause aspiration.
- **Chronic effects**: Not hazardous under normal conditions of use.
- **Further information**: This product has no known adverse effect on human health.

### 12. Ecological information

#### Ecotoxicity
This material is not expected to be harmful to aquatic life.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol (CAS 57-55-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>LC50</td>
<td>Daphnia &gt; 18000 mg/l, 96 hours</td>
</tr>
</tbody>
</table>
Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)
Propylene glycol -0.92

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations
Disposal instructions
Dispose of contents/container in accordance with local/regional/national/international regulations.

Recommend the use of an oily rag disposal bin for the disposal of this product due to the possibility of spontaneous combustion.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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

Contaminated packaging
Empty packaging/container can be disposed in accordance with all applicable regulations.

14. Transport information

TDG
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

Canadian regulations
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act
Not regulated.

Export Control List (CEPA 1999, Schedule 3)
Not listed.

Greenhouse Gases
Not listed.

Precursor Control Regulations
Not regulated.

International regulations

Stockholm Convention
Not applicable.

Rotterdam Convention
Not applicable.

Kyoto protocol
Not applicable.

Montreal Protocol
Not applicable.

Basel Convention
Not applicable.
International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date: 06-02-2017

Further information

HMIS® is a registered trade and service mark of the NPCA.

Disclaimer

This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision information

Product and Company Identification: Product Review
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Toxicological Information: Toxicological Data
Ecological Information: Ecotoxicity
Regulatory Information: United States
HazReg Data: International Inventories