

## 1. Identification

**Product identifier** **BRAWNY® HEAVY DUTY WET CLOTHS**

**Product list**  
 Brawny® Heavy Duty Wet Cloths bucket 33010  
 Brawny® Heavy Duty Wet Cloths bucket 33020  
 Brawny® Heavy Duty Wet Cloths bucket 33060  
 Brawny® Heavy Duty Wet Cloths foil pack 33015

**Other means of identification**

**SDS number** GP-801B

**Recommended use** Synthetic fiber towels used to clean grease and grime off surfaces.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Company name** Manufactured for:  
**Address** Georgia-Pacific Consumer Products LP  
 133 Peachtree Street, NE  
 Atlanta, GA 30303

**Telephone** Technical Information: 800.283.5547  
 (M)SDS Request: 404.652.5119

**E-mail** MSDSREQ@GAPAC.com

**Emergency phone number** Chemtrec - Emergency: 800.424.9300

## 2. Hazard(s) identification

**Emergency overview** Will burn rapidly in a fire.

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Hazardous to the aquatic environment, acute Category 3 hazard

**OSHA defined hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** Harmful to aquatic life.

**Precautionary statement**

**Prevention** Observe good industrial hygiene practices. Avoid release to the environment.

**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.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Rayon/Polyester/Polyethylene/Polypropylene Synthetic Fiber		Mixture	15 - 40
1,2-PROPYLENE GLYCOL		57-55-6	1 - 5
BRONOPOL (INN)		52-51-7	0 - 0.1
Other components below reportable levels			60 - 100

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

<b>Inhalation</b>	Not a normal route of exposure.
<b>Skin contact</b>	If irritation develops, wash with soap and water. Get medical attention if irritation persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
<b>Ingestion</b>	If ingested seek medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide, or water.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	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

<b>Personal precautions, protective equipment and emergency procedures</b>	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.
<b>Methods and materials for containment and cleaning up</b>	Pick up and discard towel. Slipping hazard; absorb any residual liquid remaining on surfaces. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

#### 7. Handling and storage

<b>Precautions for safe handling</b>	For external use only. Keep out of reach of children. Avoid contact with eyes; in case of contact, flush eyes with water.
<b>Conditions for safe storage, including any incompatibilities</b>	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

##### US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value	Form
1,2-PROPYLENE GLYCOL (CAS 57-55-6)	TWA	10 mg/m3	Aerosol.

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	No special ventilation requirements.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

<b>Skin protection</b>	
<b>Hand protection</b>	None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.
<b>Other</b>	None necessary under normal conditions of use. Wear gloves if handling large quantities.
<b>Respiratory protection</b>	Not normally needed.
<b>Thermal hazards</b>	Not applicable.
<b>General hygiene considerations</b>	Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke.

## 9. Physical and chemical properties

<b>Appearance</b>	Sheet moistened with liquid cleanser
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Color</b>	Blue
<b>Odor</b>	Floral
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	> 207.0 °F (> 97.2 °C) Tag Closed Cup (Hand Wipe Solution)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flash point class</b>	Combustible IIIB

## 10. Stability and reactivity

<b>Reactivity</b>	No dangerous reactions known under conditions of normal use.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizers.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No effects expected under normal conditions of use.
<b>Skin contact</b>	No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	None expected when product is used as intended. Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Ingestion is not likely to be a primary route of occupational exposure.

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

### Information on toxicological effects

#### Acute toxicity

<b>Product</b>	<b>Species</b>	<b>Test Results</b>
<b>BRAWNY® HEAVY DUTY WET CLOTHS</b>		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rat	50000 g/kg estimated
<b>Inhalation</b>		
LC50	Rat	1654 mg/l, 4 hours estimated
<b>Oral</b>		
LD50	Rat	1921 g/kg estimated

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
<b>1,2-PROPYLENE GLYCOL (CAS 57-55-6)</b>		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rabbit	18 g/kg
	Rat	30 g/kg

#### BRONOPOL (INN) (CAS 52-51-7)

##### **Acute**

##### **Dermal**

LD50 Rat 1600 mg/kg

##### **Inhalation**

##### *Dust*

LC50 Rat > 0.588 mg/l, 4 hours

##### **Oral**

LD50 Rat 254 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

#### Respiratory or skin sensitization

**Respiratory sensitization** Not likely to cause respiratory sensitization.

**Skin sensitization** No evidence of skin sensitization in human repeat insult patch test.

**Germ cell mutagenicity** Not classified.

**Carcinogenicity** Not classified.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Reproductive toxicity** Not classified.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not likely to cause aspiration.

**Chronic effects** Not hazardous under normal conditions of use.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life.

Product		Species	Test Results
<b>BRAWNY® HEAVY DUTY WET CLOTHS</b>			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia	905.5313 mg/l, 48 hours estimated
Fish	LC50	Fish	1028.0088 mg/l, 96 hours estimated
<b>Components</b>			
<b>Species</b>			
<b>Test Results</b>			
1,2-PROPYLENE GLYCOL (CAS 57-55-6)			
<b>Aquatic</b>			
<i>Crustacea</i>			
Crustacea	EC50	Daphnia	10000.0001 mg/L, 48 Hours
		Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
<i>Fish</i>			
Fish	LC50	Fathead minnow (Pimephales promelas)	710 mg/l, 96 hours
BRONOPOL (INN) (CAS 52-51-7)			
<b>Aquatic</b>			
<i>Chronic</i>			
Crustacea	EC50	Daphnia magna	0.53 mg/l, 21 days

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

1,2-PROPYLENE GLYCOL	-0.92
BRONOPOL (INN)	-0.64

**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** This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

**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

### DOT

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

### US federal regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

### US state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

#### US. Massachusetts RTK - Substance List

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

1,2-PROPYLENE GLYCOL (CAS 57-55-6)

#### US. Pennsylvania Worker and Community Right-to-Know Law

1,2-PROPYLENE GLYCOL (CAS 57-55-6)

#### US. Rhode Island RTK

Not regulated.

#### US. California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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, including date of preparation or last revision

<b>Issue date</b>	June-11-2015
<b>Version #</b>	01
<b>HMIS® ratings</b>	Health: 0 Flammability: 1 Physical hazard: 0
<b>NFPA ratings</b>	Health: 0 Flammability: 1 Instability: 0
<b>Disclaimer</b>	<p>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.</p>
<b>Revision Information</b>	Product and Company Identification: Product Codes Composition / Information on Ingredients: Disclosure Overrides Physical & Chemical Properties: Multiple Properties Toxicological Information: Toxicological Data Ecological Information: Ecotoxicity Regulatory Information: United States HazReg Data: International Inventories