

## 1. Product and Company Identification

<b>Material name</b>	<b>BRAWNY™ INDUSTRIAL WET SHOP TOWEL</b>
<b>Product use</b>	Synthetic fiber towels used to clean grease and grime off hands.
<b>Product list</b>	See Product List found in Section 16
<b>Manufacturer information</b>	Georgia-Pacific Consumer Products LLC 133 Peachtree Street, NE Atlanta, GA 30303 MSDS Request 404.652.5119 Technical Information 866.435.5647 Chemtrec - Emergency 800.424.9300

## 2. Hazards Identification

<b>Emergency overview</b>	Combustible. Will burn rapidly in a fire.
<b>Potential health effects</b>	
<b>Eyes</b>	Not applicable under normal conditions of use. Contact with eyes may cause irritation.
<b>Skin</b>	Prolonged exposure may cause mild skin irritation.
<b>Inhalation</b>	Not applicable under normal conditions of use.
<b>Ingestion</b>	Not applicable under normal conditions of use. May result in obstruction and temporary irritation of the digestive tract.

## 3. Composition / Information on Ingredients

<b>Non-hazardous components</b>	<b>CAS #</b>	<b>Percent</b>
RAYON/POLYESTER/POLYETHYLENE/POLYPROPYLENE SYNTHETIC FIBER	Mixture	15 - 40
PROPYLENE GLYCOL	57-55-6	1 - 5

**Composition comments** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication). WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria. Not a controlled product.

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
<b>Skin contact</b>	If irritation develops, wash with soap and water. Get medical attention if irritation persists.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	If ingested seek medical attention.

## 5. Fire Fighting Measures

<b>General fire hazards</b>	Combustible. Will burn rapidly in a fire.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide, or water.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Explosion data</b>	
<b>Sensitivity to static discharge</b>	Not applicable.
<b>Sensitivity to mechanical impact</b>	Not applicable.

**Hazardous combustion products** Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons. Aldehydes or lactic, pyruvic or acetic acids may also be formed.

## 6. Accidental Release Measures

**Methods for cleaning up** Slipping hazard; absorb any residual liquid remaining on surfaces.

**Other information** Pick up and discard towel.

## 7. Handling and Storage

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

**Storage** Provide cool storage away from combustion sources.

## 8. Exposure Controls / Personal Protection

### RAYON/POLYESTER/POLYETHYLENE/POLYPROPYLENE SYNTHETIC FIBER (CAS # Mixture)

	TWA	STEL	Ceiling
<b>ACGIH</b>	Not established	Not established	Not established
<b>OSHA</b>	Not established	Not established	Not established

### PROPYLENE GLYCOL (CAS # 57-55-6)

	TWA	STEL	Ceiling
<b>ACGIH</b>	Not established	Not established	Not established
<b>OSHA</b>	Not established	Not established	Not established

**Engineering controls** No special ventilation requirements.

### Personal protective equipment

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

**Skin and body protection** None necessary under normal conditions of use. Wear gloves if handling large quantities.

**Respiratory protection** Not normally needed.

## 9. Physical & Chemical Properties

**Appearance** Sheet.  
**Color** Blue.  
**Form** Solid.  
**Odor** Floral.  
**Odor threshold** Not available  
**Physical state** Solid.  
**pH** Not available  
**Melting point** Not available  
**Freezing point** Not available  
**Boiling point** Not available  
**Flash point** Not available  
**Evaporation rate** Not available  
**Flammability** Not available.  
**Flammability limits in air, upper, % by volume** Not available  
**Flammability limits in air, lower, % by volume** Not available  
**Vapor pressure** Not available  
**Vapor density** Not available  
**Specific gravity** Not available  
**Relative density** Not available  
**Solubility (water)** Not available

<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable.
<b>Conditions of Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>Incompatible materials</b>	Strong oxidizers.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

## 11. Toxicological Information

**Routes of exposure** Skin contact. Eye contact.

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

PROPYLENE GLYCOL 57-55-6 Oral LD50 Rat: 20000 mg/kg; Dermal LD50 Rabbit:20800 mg/kg

**Acute toxicity** Not hazardous by OSHA/WHMIS criteria. The acute oral toxicity of the liquid portion of this product is greater than 5.0 ml/kg body weight.

**Irritancy** Not hazardous by OSHA/WHMIS criteria.  
The product is not considered to be a primary skin irritant, based on testing in conformance with 16 CFR 1500.41.  
The liquid portion of this product is not an eye irritant based on testing in conformance with 16 CFR 1500.42.

**Sensitization** Not hazardous by OSHA/WHMIS criteria.

**Chronic effects** Not hazardous by OSHA/WHMIS criteria. Prolonged exposure may cause mild skin irritation.

**Mutagenicity** Not hazardous by OSHA/WHMIS criteria.

**Reproductive effects** Not hazardous by OSHA/WHMIS criteria.

**Teratogenicity** Not hazardous by OSHA/WHMIS criteria.

**Synergistic materials** Not available

## 12. Ecological Information

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

#### Ecotoxicity - Freshwater Algae Data

PROPYLENE GLYCOL 57-55-6 96 Hr EC50 Selenastrum capricornutum: 19000 mg/L

#### Ecotoxicity - Freshwater Fish Species Data

PROPYLENE GLYCOL 57-55-6 96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]

## 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.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

This product is not regulated as a hazardous material by the United States (DOT) transportation regulations

### Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** MSDS prepared pursuant to the Hazard Communication Standard (29CFR 1910.1200). This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

**Canadian regulations**

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. This product is regulated under Canada's Food & Drug Act.

**PROPYLENE GLYCOL 57-55-6**

Canada - WHMIS - Ingredient Disclosure List

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**16. Other Information****HMIS® ratings**

Health: 0  
Flammability: 1  
Physical hazard: 0

**NFPA ratings**

Health: 0  
Flammability: 1  
Instability: 0

**Product list**

Brawny™ Industrial Wet Shop Towel Pail 21500

Brawny™ Industrial Wet Shop Towel Flexible Packs 21510

**Other information**

New MSDS

**Effective date**

08-Feb-2008

**Prepared by**

Georgia-Pacific LLC  
404.652.5119

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