

1. Product and Company Identification

Material name **BRAWNY™ INDUSTRIAL WET SHOP TOWEL**
Product use Synthetic fiber towels used to clean grease and grime off hands.
Product list See Product List found in Section 16
Manufacturer information 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

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

3. Composition / Information on Ingredients

Non-hazardous components	CAS #	Percent
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

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

5. Fire Fighting Measures

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

PROPYLENE GLYCOL (CAS # 57-55-6)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	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

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

10. Chemical Stability & Reactivity Information

Chemical stability	Stable.
Conditions of Reactivity	No dangerous reaction known under conditions of normal use.
Incompatible materials	Strong oxidizers.
Hazardous decomposition products	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