

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.
Manufacturer information Manufactured for:
Georgia-Pacific Consumer Products LP
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.
Skin Prolonged exposure may cause mild, reversible skin irritation.
Inhalation Not applicable under normal conditions of use.
Ingestion Not applicable under normal conditions of use.
Target organs Skin and eye contact. (Incidental Contact)

3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt
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 Standard). 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.
Fire fighting equipment/instructions 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

Engineering controls	No special ventilation requirements.
Personal protective equipment	
Eye / face protection	None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.
Skin 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 moistened with liquid cleanser
Color	Blue
Form	Solid
Odor	Floral
Odor threshold	Not available.
pH	Not available.
Melting point/Freezing point	Not available.
Boiling point	Not available.
Flash point	> 207.0 °F (> 97.2 °C) Tag Closed Cup (Hand Wipe Solution)
Evaporation rate	Not available.
Flammability	Combustible IIIB
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.
Partition coefficient (n-octanol/water)	Not available.
Solubility (water)	Not available.
Auto-ignition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable.
Conditions of reactivity	No dangerous reactions known under conditions of normal use.
Incompatible materials	Strong oxidizers.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

11. Toxicological Information

Information on likely routes of exposure	
Ingestion	Ingestion is not likely to be a primary route of occupational exposure.
Inhalation	No effects expected under normal conditions of use.

Skin contact	No effects expected under normal conditions of use.
Eye contact	None expected when product is used as intended.
Symptoms related to the physical, chemical and toxicological characteristics	None expected when product is used as intended.
Information on toxicological effects	
Toxicological data	Not available for product. Data for ingredients found below.
Toxicological information (Ingredients)	
PROPYLENE GLYCOL (CAS # 57-55-6)	
Toxicology Data - Selected LD50s and LC50s	Oral LD50 Rabbit: 18 g/kg Oral LD50 Rat: 30 g/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.
Skin corrosion/irritation	Non-irritating in rabbits and humans.
Serious eye damage/eye irritation	Non-irritating in rabbits.
Skin sensitization	No evidence of skin sensitization in human repeat insult patch test.
Respiratory sensitization	Not likely to cause respiratory sensitization.
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 effects	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 - single exposure	No evidence of specific target organ effects in rats and humans. NOAEL is 2,000 mg/kg/day.
Aspiration toxicity	Not likely to cause aspiration.

12. Ecological Information

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

Ecotoxicological data

Components	Species	Test Results
PROPYLENE GLYCOL (CAS 57-55-6)		
Crustacea	EC50	Daphnia
		10000.0001 mg/L, 48 Hours
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna)
		> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)
		710 mg/l, 96 hours

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

DOT

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

General

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

15. Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Section 313 hazardous chemical No

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.

Canada WHMIS Ingredient Disclosure: Threshold limits

PROPYLENE GLYCOL (CAS 57-55-6) 1 %

WHMIS status Non-controlled

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
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)

16. Other Information

Product list

Brawny Industrial® Wet Shop Towel	Pail	21500
Brawny Industrial® Wet Hand Towel	Pail	21501
Brawny Industrial® Wet Hand Towel	Sample Pack	GP5972

HMIS® ratings
Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 0
Flammability: 1
Instability: 0

Disclaimer
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Prepared by Georgia-Pacific LLC
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