

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 Steet, NE Atlanta, GA 30303
Telephone	Technical Information: 866.435.5647 (M)SDS Request: 404.652.5119
e-mail	MSDSREQ@GAPAC.com
Emergency phone number	Chemtrec - 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

Chemical name	Common name and synonyms	CAS number	%
Propylene glycol		57-55-6	1 - < 2
Rayon/Polyester/Polyethylene/Polyp ropylene Synthetic Fiber		Mixture	25

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

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Propylene glycol (CAS 57-55-6)	TWA	155 mg/m ³	Vapor and aerosol.
		10 mg/m ³	Aerosol
		50 ppm	Vapor and aerosol.

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls	No special ventilation requirements.
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	None necessary under normal conditions of use. Wear gloves if handling large quantities.
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.
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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

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. Direct contact with eyes causes temporary irritation.
Ingestion	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

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.

Components	Species	Test results
Propylene glycol (CAS 57-55-6)		
Acute		
Dermal		
LD50	Rabbit	20.8 g/kg
Oral		
LD50	Rat	22 g/kg

Skin corrosion/irritation Non-irritating in rabbits and humans.

Serious eye damage/eye irritation Non-irritating in rabbits.

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.

Components	Species	Test results
Propylene glycol (CAS 57-55-6)		
Aquatic		
<i>Acute</i>		
Crustacea	LC50 Daphnia	> 18000 mg/l, 96 hours

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 Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

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

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

Issue date 06-02-2017

Version No. 01

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