

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>BRAWNY INDUSTRIAL FLAX CLOTH</b>
<b>Product list</b>	Brawny Industrial® FLAX 900 Heavy Duty Cloths on Perforated Long Distance Rolls Brawny Industrial® FLAX 700 Medium Duty Cloths on Perforated Long Distance Rolls Brawny Industrial® FLAX 500 Light Duty Cloths on Perforated Long Distance Rolls ----- Brawny Industrial® FLAX 900 Heavy Duty Cloths Brawny Industrial® FLAX 700 Medium Duty Cloths Brawny Industrial® FLAX 500 Light Duty Cloths
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer</b>	
<b>Company name</b>	Georgia-Pacific Consumer Products LP
<b>Address</b>	133 Peachtree Steet, NE Atlanta, GA 30303
<b>Telephone</b>	Technical Information: 866.435.5647 (M)SDS Request: 404.652.5119
<b>e-mail</b>	MSDSREQ@GAPAC.com
<b>Emergency phone number</b>	Chemtrec - Emergency: 800.424.9300
<b>Importer/Supplier/Distributor</b>	Not applicable.

## 2. Hazard(s) identification

<b>Emergency overview</b>	Health injuries are not known or expected under normal use.
<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from flames and hot surfaces-No smoking.
<b>Response</b>	In case of fire: Use appropriate media to extinguish.
<b>Storage</b>	Store away from strong oxidizing agents, strong acids, strong bases, and cyanoacrylates.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards</b>	None known.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Cellulose		9004-34-6	99 - 100
Other components below reportable levels			≤ 0.2

## 4. First-aid measures

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	No effects expected under normal conditions of use. Get medical attention if symptoms occur.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	None known.
<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>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<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>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Fire fighting equipment/instructions</b>	In case of major fire and large quantities: Evacuate area and fight fire from a safe distance.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Will burn rapidly in a fire.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Sweep up or gather material and place in appropriate container for disposal. 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>	Avoid prolonged exposure. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat and flame. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US ACGIH Threshold Limit Values: Time Weighted Average (TWA): mg/m<sup>3</sup>, non-standard units

Components	Type	Value
Cellulose (CAS 9004-34-6)	TWA	10 mg/m <sup>3</sup>

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Cellulose (CAS 9004-34-6)	TWA	10 mg/m <sup>3</sup>

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Total dust.

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Components	Type	Value
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3

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

Components	Type	Value
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3

**Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)**

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3	Total dust.

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

**Appropriate engineering controls** No special ventilation requirements. General ventilation normally adequate.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** None necessary under normal conditions of use.

**Skin protection**

**Hand protection** None necessary under normal conditions of use.

**Other** None necessary under normal conditions of use.

**Respiratory protection** Under normal conditions, respirator is not normally required.

**Thermal hazards** None necessary under normal conditions of use.

**General hygiene considerations** General industrial hygiene practice. When using do not smoke.

**9. Physical and chemical properties**

<b>Appearance</b>	cloth-like
<b>Physical state</b>	Solid.
<b>Form</b>	perforated roll or cloths
<b>Colour</b>	White or Natural
<b>Odour</b>	None
<b>Odour 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>	Not available.
<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>Vapour pressure</b>	Not available.
<b>Vapour 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 applicable.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Heat, flames and sparks. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidising agents. Strong acids. Strong bases. Cyanoacrylates. May not be suitable for use with products that are incompatible with paper or natural fiber.
<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.
<b>Eye contact</b>	Direct contact with eyes may cause temporary mechanical irritation.
<b>Ingestion</b>	No effects expected under normal conditions of use.

**Symptoms related to the physical, chemical and toxicological characteristics** None known.

### Information on toxicological effects

<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Health injuries are not known or expected under normal use.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary mechanical irritation.

### Respiratory or skin sensitisation

#### Canada - Alberta OELs: Irritant

Cellulose (CAS 9004-34-6) Irritant

<b>Respiratory sensitisation</b>	Not classified.
<b>Skin sensitisation</b>	Not classified.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classified.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

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

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

**Aspiration hazard** Not available.

**Chronic effects** None known.

**Further information** This product has no known adverse effect on human health.

## 12. Ecological information

<b>Ecotoxicity</b>	Ecological injuries are not known or expected under normal use.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	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.  
**Local disposal regulations** Dispose in accordance with all applicable regulations.  
**Hazardous waste code** Not regulated.  
**Waste from residues / unused products** Not available.  
**Contaminated packaging** Not available.

### 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 Annex II of MARPOL 73/78 and the IBC Code** Not available.

### 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.

### 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**

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**Revision information**

Product and Company Identification: Synonyms  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Toxicological Information: Toxicological Data  
Regulatory Information: United States  
HazReg Data: International Inventories  
GHS: Classification