

# MATERIAL SAFETY DATA SHEET

HMIS CODES: 

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May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administrator  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

**TOUGH-BOY 10" x 12" TOWELS TFB**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**Manufacturer's Name:  
J.C. WHITLAM MANUFACTURING COMPANYEmergency Telephone Number:  
(330) 334 - 2524Address (Number, Street, City, State, and ZIP Code):  
200 WEST WALNUT STREETTelephone Number for Information:  
(330) 334 - 2524

P.O. BOX 380

Date Prepared: January 26, 2012

WADSWORTH, OHIO 44282-0380

Signature of Preparer (optional):

**Section II - Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S))	OSHA PEL	ACGIH TLV	OTHER LIMITS Recommended	% (optional)
D-LIMONENE [CAS#5989-27-5]	N/A	N/A	N/A	< 7
DIMETHYL GLUTARATE [CAS#1119-40-0]	N/A	N/A	N/A	< 5
DIMETHYL ADIPATE [CAS#627-93-0]	N/A	N/A	N/A	< 3
DIMETHYL SUCCINATE [CAS#106-65-0]	N/A	N/A	N/A	< 3
SODIUM OCTANESULFONATE [CAS#5324-84-5]	N/A	N/A	N/A	< 3
POLY (OXY-1, 2-ETHANEDIYL), ALPHA-(NONYLPHENYL)-OMEGA-HDROXY [CAS#9016-45-9]	N/A	N/A	N/A	< 3
DIETHANOLAMINE [CAS#111-42-2]	N/A	N/A	N/A	< 1

**Section III - Physical/Chemical Characteristics**

Boiling Point:	N.D.	Specific Gravity (H2O =1):	1.0
Vapor Pressure (mm Hg):	N.D.	Melting Point:	N/A
Vapor Density (AIR = 1):	N.D.	Evaporation Rate (Butyl Acetate = 1):	N.D.

Solubility in Water: APPRECIABLE

Appearance and Odor: WHITE TOWEL - CITRUS ODOR

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used): >200°F	Flammable Limits:	LEL: N/A	UEL: N/A
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Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE

Special Fire Fighting Procedures: NONE KNOWN

Unusual Fire and Explosion Hazards: COOL CONTAINER EXPOSED TO INTENSE HEAT WITH COLD WATER TO PREVENT VAPOR PRESSURE BUILDUP.

<b>Section V - Reactivity Data</b>		<b>TOUGH-BOY 10" x 12" TOWELS</b>		<b>TFB</b>
Stability:	Unstable:		Conditions to Avoid: HEAT, SPARKS, FLAMES, CONTACT WITH STRONG OXIDIZING AGENTS	
	Stable:	X		
Incompatibility (Materials to Avoid): N/A				
Hazardous Decomposition or Byproducts: N/A				
Hazardous Polymerization:	May Occur:		Conditions to Avoid: N/A	
	Will Not Occur:	X		
<b>Section VI - Health Hazard Data</b>				
Route(s) of Entry:	Inhalation? NO	Skin? YES	Ingestion? YES	
Health Hazards (Acute and Chronic): SKIN: MAY BE IRRITANT TO SENSITIVE SKIN.				
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO	
Signs and Symptoms of Exposure: EYES: MILDLY IRRITATING TO EYES. SKIN: MILDLY IRRITATING TO SKIN.				
Medical Conditions Generally Aggravated by Exposure: NONE KNOWN.				
Emergency and First Aid Procedures: EYE CONTACT: FLUSH EYES WITH COLD WATER FOR 15 MINUTES - CONSULT A PHYSICIAN. SKIN: NOT A PERCEIVED HAZARD. WASH WITH WATER.				
<b>Section VII - Precautions for Safe Handling and Use</b>				
Steps to Be Taken in Case Material is Released or Spilled: ELIMINATE ALL IGNITION SOURCES AND GROUND ANY EQUIPMENT.				
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.				
Precautions to Be Taken in Handling and Storing: STORE AWAY FROM HEAT OR OPEN FLAME. CLOSE CONTAINER AFTER USE.				
Other Precautions: KEEP OUT OF REACH OF CHILDREN.				
<b>Section VIII - Control Measures</b>				
Respiratory Protection (Specify Type): N/A				
Ventilation:	Local Exhaust: NORMAL VENTILATION IS ADEQUATE.		Special: N/A	
	Mechanical (General): N/A		Other: N/A	
Protective Gloves:		Eye Protection: KEEP OUT OF EYES. WEAR PROTECTIVE GOGGLES WHERE NECESSARY.		
Other Protective Clothing or Equipment: N/A				
Work/Hygienic Practices: N/A				