

**MATERIAL SAFETY DATA SHEET**

(SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

**Section I**

Product Number: 642 Date Prepared: December 1, 2011  
Product Name: V WIPES HAND TOWELS  
Manufacturer's Name: BRODI SPECIALTY PRODUCTS LTD Emergency Phone:1- (800) 255-3924  
Address: 3175 14th AVE. UNIT 1 Information Phone:1-(877) 744-0751  
MARKHAM, ONTARIO, L3R 0H1  
Prepared By: MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd.  
HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 1 HEALTH: 0 PERSONAL PROTECT: A

**Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

(All of the ingredients contained in this product are listed on the TSCA inventory.)

Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
1,8-P-MENTHADIENE	5989-27-5	NE	NE	N/A	
DIAZOLIDINYL UREA	78491-02-8	NA	NA	NA	
ETHOXYLATED ALKYL AMINE	68478-95-5	NA	NA	NA	
LINEAR ALCOHOL ETHOXYLATE	34398-01-1	NA	NA	NA	
SODIUM XYLENE SULFONATE	1300-72-7	NA	NA	NA	

**Section III: PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: N/A Specific Gravity (water=1) 1.00  
Vapor Pressure(mm Hg) N/A Melting Point: N/A  
Vapor Density(AIR=1) N/A Evaporation Rate: N/A  
Solubility in Water: 100% (Butyl Acetate=1)  
Appearance and Odor: PURPLE CLOTH IMPREG WITH CLEAR LIQUID, CITRUS ODOR.

**Section IV: FIRE AND EXPLOSION HAZARD DATA**

Flash Point(Method Used):200F TCC Flammable Limits: LEL:N/A UEL: N/A  
Extinguishing Media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Special Fire Fighting Procedures: USE FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire and Explosion Hazards: NONE

**Section V: REACTIVITY DATA**

Stability: Unstable: Conditions to avoid:  
Stable: X N/A  
Incompatibility (Materials to Avoid): STRONG ACIDS.  
Hazardous Decomposition or Byproducts: OXIDES OF CARBON UNDER FORCED COMBUSTION.  
Hazardous Polymerization: May Occur: Will Not Occur: X  
Conditions to Avoid: N/A

**Section VI: HEALTH HAZARD DATA**

Routes of Entry: Inhalation: NO Skin: YES Ingestion:NO  
Health Hazards(Acute and Chronic):  
EYES: MILD IRRITATION, REDNESS SKIN:IRRITATION, DERMATITIS WITH PROLONGED EXPOSURE. INGESTION: STOMACH UPSET, NAUSEA, CRAMPS, VOMITING.  
Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE  
Medical Conditions Generally Aggravated by Exposure: DERMATITIS  
Emergency and First Aid Procedures: EYES: FLUSH FOR 15 MINUTES WITH WATER.  
IF IRRITATION PERSISTS CONTACT PHYSICIAN.SKIN: FLUSH WITH WATER.IF IRRITATION PERSISTS CONTACT PHYSICIAN.INGESTION: GIVE SEVERAL GLASSES WATER. CONTACT PHYSICIAN. INHALATION: REMOVE PERSON TO FRESH AIR.

**Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled: CONTAIN SPILL.  
SOAK UP SPILLED MATERIAL WITH INERT ABSORBANT MATERIAL AND PLACE IN A PROPERLY LABELLED CLOSED CONTAINER. FLUSH RESIDUE WITH WATER.  
Waste Disposal Method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.  
Precautions to be Taken in Handling and Storing: STORE IN A COOL DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.  
Other Precautions: KEEP OUT OF REACH OF CHILDREN.

**Section VIII: CONTROL MEASURES**

Respiratory Protection: NONE Ventilation: Local Exhaust:N/A  
Mechanical: N/A Special: N/A Other: N/A Protective Gloves:N/A  
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHEN USING CHEMICAL PRODUCTS  
Other Protective Clothing or Equipment: N/A Work/Hygienic Practices: N/A