

Material Safety Data Sheet

To Comply with OSHA's Hazardous Communication Standard 29 CFR 1910.1200

T.N. Dickinson's Hazelets Solution (without aloe)

Section I - Material Identification and Use

Distributor's Name Dickinson Brands, Inc.	Emergency Telephone Number 1-800-424-9300
Address 31 East High St., East Hampton, CT 06424	Number for Information 1-888-860-2279

Trade Names and Synonyms	Hazelets Solution (without aloe)
Molecular Weight	N/A
Material Use	Topical Cosmetic Astringent
Chemical Name	N/A
Chemical Family	N/A
Chemical Formula	Mixture

NFPA (National Fire Protection Agency) Rating

Health hazard	1
Fire hazard	2
Reactivity	0

Section II - Hazardous Ingredients of Material

Major Ingredients	Proprietary Botanical Extract
Hazardous Ingredients	Ethyl Alcohol
Approximate Concentration %	14-15% v/v
C.A.S., N.A. or U.N. Numbers	64175
LD ₅₀ (Specify Species and Route)	Acute oral 7060 mg/kg (rat)
LC ₅₀ (Specify Species and Route)	Inhalation (10 hours) = 20,000ppm (rat)

Section III - Physical/Chemical Characteristics

Physical State	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Viscosity	N/A
Odor and Appearance	Characteristic Witch Hazel, clear
Odor Threshold (P.P.M.)	N/A
Specific Gravity	0.979-0.982 @ 25°C
Boiling Point (°C)	88°C
Freezing Point (°C)	-8.0°C
Solubility in Water (20°C)	Infinite
Evaporation Rate	1
Vapor Pressure (mm)	18.75 @ 20°C
Vapor Density (Air = 1)	1.03

Section IV - Fire and Explosion Hazard Data

Flammability	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, under what conditions?		
Means of Extinguishing	Aqueous product. For fires involving dried material use water, carbon dioxide, dry chemicals or foam.	
Special Procedures	N/A	Upper Explosion Limit (% by volume) N/A
Flash Point (°C) and Method	110°F COC	Lower Explosion Limit (% by volume) N/A
Hazardous Combustion Products	None Known	Autoignition Temperature (°C) N/A
Explosion Data		
Sensitivity to Mechanical Impact	None	
Sensitivity to Static Discharge	None	

Section V - Reactivity Data

Chemically Stable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, under what conditions?		
Incompatibility to other substances?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If no, under what conditions? No established data		
Reactivity and under what conditions	N/A	
Hazardous decomposition products	N/A	
Hazardous polymerization	Will not occur	

Section VI - Health Hazard Data

NOTE: All test results were obtained on undiluted product.

Route of Entry		
<input checked="" type="checkbox"/> Skin contact	<input type="checkbox"/> Skin absorption	<input checked="" type="checkbox"/> Eye contact
<input checked="" type="checkbox"/> Inhalation Acute	<input type="checkbox"/> Inhalation chronic	<input type="checkbox"/> Ingestion
Effects of Acute Exposure to Material		
Swallowing: May cause nausea	Inhalation: May cause slight throat irritation	
Skin: None known	Eye: May cause eye irritation	
Effects of chronic exposure to material	N/A	
Signs and symptoms of exposure	N/A	
Medical conditions generally aggravated by exposure	Not determined	
% Volatile (by volume)	14-15% v/v	
pH	3.0-5.0 @ 25°C	
Melting point	N/A	
Coefficient of water/oil distribution	N/A	
LD ₅₀ of material (specify species & routes)	N/A	
LC ₅₀ of material (specify species & routes)	N/A	
Exposure (limits)	N/A	
Irritancy of material	N/A	
Sensitization of material	N/A	
Synergistic materials	None known	
Carcinogenicity, Reproductive effects, Teratogenicity, Mutagenicity		
USA:	According to the definitions and limitations of the US Hazard Communication Standard, none of the ingredients are listed on the NTP, IARC or OSHA carcinogen lists.	
Canada:	According to the definitions and limitations of the Canadian WHMIS regulations, none of the ingredients are listed on the IARC or ACGIH carcinogen lists.	

Section VII - Precautions for Safe Handling and Use

Gloves (specify)	Waterproof gloves
Eye (specify)	Goggles or protective glasses. As a general rule, do not wear contact lenses when handling chemicals.
Respiratory (specify)	Not normally needed
Other (specify)	Safety eye bath should be available, wash with soap and water after use.
Engineering controls (E.G. ventilation, enclosed process, specify)	General industrial system requirements.
Leak and spill procedure	Small spills (less than one gallon): flush with water. Large spills: collect liquid with absorbent material and package for disposal according to local, state and country regulations.
Waste disposal	See above (Leak and spill procedure)
Handling procedures and equipment	Ventilation: typical general industrial systems are sufficient. Protective equipment: Goggles.
Storage requirements	Store in cool, dry, well ventlated areas. Keep containers closed. Use only stainless steel, polyethylene or plastic lined containers for storage. Do not store in contact with aluminum, zinc, copper or their alloys.
Special shipping information	N/A

Section VIII - Emergency and First Aid Measures

Eye Contact	Immediately flush with large amounts of water for at least 15 minutes while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact physician immediately.
Skin Contact	Immediately remove contaminated clothing and flush area with large amounts of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Contact a physician if irritation develops.
Ingestion	If patient is conscious, give several glasses of water for dilution effect and contact a physician. Do not give an unconscious person anything by mouth.
Inhalation	Remove from contaminated atmosphere. If breathing has stopped, administer artificial respiration then oxygen, if needed. Contact physician.
Additional Information	N/A
Note to Physician	None

Section IX - Preparation date of MSDS

Prepared by (Group, Department, Etc.)	Regulatory Department
Telephone Number	860-267-4444
Date	June 17, 2005

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