



Chemical Name: Witch Hazel Natural Astringent

Manufacturer: T.N. Diskinsons

Container size: NA

Location: SOC

Disposal: Place empty container in trash.

Material Safety Data Sheet

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

T.N. Dickinson's Distilled Witch Hazel Extract, 14% Alcohol

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 | Distilled Witch Hazel Extract, 14% Alcohol |
| Molecular Weight | N/A |
| Material Use | Topical astringent drug product |
| 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

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|--|--|
| 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 | 0.979-0.983 @ 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 |
| Vapor Density (Air = 1) | 1.03 |

Section IV - Fire and Explosion Hazard Data

| | | |
|----------------------------------|---|---|
| Flammability | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| If yes, under what conditions? | Vapor from boiling solutions may be ignitable | |
| 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"/> Inhalation Acute | <input type="checkbox"/> Inhalation chronic |
| <input checked="" type="checkbox"/> Eye contact | <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

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| 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 ventilated 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

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|------------------------|---|
| 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

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

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