

MATERIAL SAFETY DATA SHEET

WITCH HAZEL DISTILLATE, GII

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING:

1.1 Product identifier

NAME: WITCH HAZEL DISTILLATE, GII
SDS NO.: 2
EINECS NO.: All ingredients are listed in EINECS.
SYNONYMS, TRADE NAMES: Aqua Hamamelis, Hamamelis Water, Witch Hazel Distillate with Germaben II
CHEMICAL FORMULA: Not applicable for mixtures
CAS No.: 84696-19-5 + 57-55-6 + 78491-02-8 + 99-76-3 + 94-13-3
EINECS /ELINCS No: 283-637-9 + 200-338-0 + 278-928-2 + 202-785-7 + 202-307-7

1.2 Relevant identified uses of the substances or mixture and uses advised against –
Recommended Use of the Chemical: Astringent/Skin Cleanser
Uses Advised Against: No information available



1.3 Details of the supplier of the safety data sheet

SUPPLIER: BOTANICALS & NATURAL PRODUCTS LTD, STERLING HOUSE,
STROUDLEY ROAD, BASINGSTOKE, HAMPSHIRE, RG24 8UG.
Telephone +44(0)1256-843828 Fax +44(0)1256-843868 E-mail: sales@BandNP.com

EMERGENCY TELEPHONES: U.K. ROAD EMERGENCY +44 (0)1865 407333
(NATIONAL CHEMICAL EMERGENCY SERVICE)

2 HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: Not classified

Classification according to Directive 67/548/EEC [DSD]: None

2.2 Label Elements:

Symbol: No Symbol
Signal Word: -

Hazard Statements: -

Precautionary Statements: -

2.3 Other Hazards:

Substance Meets the Criteria for PBT According to Regulation (EC) No. 1907/2006 Annex XIII:
PBT: Assessment not available as chemical safety assessment not required / not conducted.

Substance Meets the Criteria for vPvB According to Regulation (EC) No. 1907/2006 Annex XIII:
vPvB: Assessment not available as chemical safety assessment not required / not conducted..

Other Hazards Which Do Not Result in Classification: Not available

3 COMPOSITION/INFORMATION ON INGREDIENTS:

3.2 Mixtures

| Ingredient | CAS Number | EC Number | Percent |
|---|------------|-----------|-----------------|
| HAMAMELIS VIRGINIANA WATER (Witch Hazel Distillate) | 84696-19-5 | 283-637-9 | 99.550 – 99.450 |
| PROPYLENE GLYCOL (Chemical/IUPAC: Propane-1,2-diol) | 57-55-6 | 200-338-0 | 0.256 – 0.304 |
| DIAZOLIDINYL UREA (Chemical/IUPAC: 1-[1,3-bis(Hydroxymethyl)-2,5-dioximidazolidin-4-yl]-1,3-bis(hydroxymethyl)urea) | 78491-02-8 | 278-928-2 | 0.135 – 0.165 |
| METHYL PARABEN (Chemical/IUPAC: Methyl 4-hydroxybenzoate) | 99-76-3 | 202-785-7 | 0.047 – 0.063 |
| PROPYL PARABEN (Chemical/IUPAC: Propyl 4-hydroxybenzoate) | 94-13-3 | 202-307-7 | 0.012 – 0.018 |

The Full Text for all R-Phases and Hazard Statements are Displayed in Section 16

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4 FIRST AID MEASURES:

4.1 Description of first aid measures

| | |
|-----------------------------|--|
| General Advice: | Get medical attention if any discomfort continues. |
| Inhalation: | Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Seek prompt medical attention. |
| Ingestion: | NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT INDUCE VOMITING! If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues. |
| Skin Contact: | Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Seek medical attention if irritation persists after washing. |
| Eye Contact: | Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes and seek medical attention. Remove contact lenses if present and easy to do so. |
| Protection of First-Aiders: | No additional information |

4.2 Most important symptoms and effects, both acute and delayed

Potential Acute Health Effects:

Inhalation: May cause mild irritation of the throat

Ingestion: May cause nausea

Skin Contact: None known

Eye Contact: May cause irritation and redness

Over-Exposure Signs / Symptoms:

Inhalation: No specific data

Ingestion: No specific data

Skin Contact: No specific data

Eye Contact: No specific data

4.3 Indication of any immediate medical attention and special treatment needed:

No data available

5 FIRE FIGHTING MEASURES:

5.1 Extinguishing media

Suitable Extinguishing Media: Water spray, fog or mist, foam, dry chemicals, sand, dolomite, etc.

Unsuitable Extinguishing Media: None specified

Extinguishing media: Fire can be extinguished using: Foam, carbon dioxide or dry powder.

5.2 Special Hazards Arising From the Substance or Mixture

Hazards from the Substance or Mixture: May explode when heated or when exposed to flames or sparks.
May react with oxidizing materials.

Hazardous Thermal Decomposition Products: Carbon oxides, may produce hydrocarbon fumes

5.3 Advice for firefighters

Special Precautions for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Cool containers exposed to flames with water from the side until well after the fire is out. Move container from fire area if it can be done without risk.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

6.2 Environmental precautions:

Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure that washings enter drain only when very dilute.

6.3 Methods and materials for containment and cleaning up:

Contain spill and pump into a suitable container. Flush area with copious amounts of water.

6.4 Reference to other sections -

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7 HANDLING AND STORAGE:

- 7.1 Precautions for safe handling: Keep away from heat, sparks and open flame. Avoid acids, moisture, and combustible materials. DO NOT SMOKE IN WORK AREA! Eating, smoking and water fountains prohibited in immediate work area. Always observe good personal hygiene practices, especially when working with chemicals.
- 7.2 Conditions for safe storage, including any incompatibilities: Keep in cool, dry, ventilated storage and closed containers. Store isolated from oxidizing materials. Store away from all sources of ignition. Store in containers made of stainless steel, polyethylene or glass. Do not store in contact with Iron, Aluminium, Zinc, Copper or their alloys since Witch Hazel is particularly reactive with Iron. Product will discolour if it comes in contact with Iron.
- 7.3 Specific end use(s) Astringent/Skin Cleanser

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 Control parameters

Airborne Exposure Limits:

| Ingredient | CAS Number | Limited Exposure (8 Hours) | Standard Exposure (15 Minutes) |
|---|------------|----------------------------|--------------------------------|
| HAMAMELIS VIRGINIANA WATER (Witch Hazel Distillate) | 84696-19-5 | None specified | None specified |
| PROPYLENE GLYCOL | 57-55-6 | None specified | None specified |
| DIAZOLIDINYL UREA | 78491-02-8 | None specified | None specified |
| METHYLPARABEN | 99-76-3 | None specified | None specified |
| PROPYLPARABEN | 94-13-3 | None specified | None specified |

8.2 Exposure controls

- Ventilation System:** A system of local and / or general exhaust is recommended. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
- Personal Respirators (NIOSH Approved):** For emergencies or instances where the exposure levels are not known, use a full face positive pressure, air supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
- Skin Protection:** Use suitable protective gloves if risk of skin contact.
- Eye Protection:** Use chemical safety goggles and / or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9 PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties

| | |
|---|--------------------------|
| Appearance: | Clear, colourless liquid |
| Odour: | Characteristic |
| Odour Threshold: | Not determined |
| pH: | 3.0-5.0 |
| Melting Point: | 0°C (32°F) |
| Boiling Point / Boiling Range: | 100°C (212°F) 760mmHg |
| Flash Point: | N/A |
| Evaporation Rate (BuAC=1): | Not determined |
| Flammability: | N/A |
| Upper / Lower Flammability or Explosive Limits: | Not determined |
| Vapour Pressure (mm Hg): | 17.5 @ 20°C |
| Vapour Density (Air=1): | >1 |
| Relative Density: | 0.995 – 1.020 @ 20°C |
| Solubility: | Very soluble in water |
| Partition Coefficient: n-octanol / water: | Not determined |
| Auto-ignition Temperature: | Not determined |
| Decomposition Temperature: | Not determined |
| Viscosity: | Not determined |
| Explosive Properties: | N/A |
| Oxidizing Properties: | Not oxidizing |

9.2 Other information No specific data

10 STABILITY AND REACTIVITY:

- 10.1 Reactivity: No data available
- 10.2 Chemical Stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: May react with oxidizing materials
- 10.4 Conditions to avoid: Avoid heat, flames and other sources of ignition.
- 10.5 Incompatible materials: Iron, Aluminium, Zinc, Copper and their alloys.
- 10.6 Hazardous decomposition products: Carbon oxides, may produce hydrocarbon fumes

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11 TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects

| Chemical Name | Oral LD50 | Inhalation LC50 |
|---|--------------------|-----------------|
| HAMAMELIS VIRGINIANA WATER (Witch Hazel Distillate) (84696-19-5) | None specified | None specified |
| PROPYLENE GLYCOL (57-55-6) | 20-34 mg/kg (rat) | 31000 mg/kg |
| DIAZOLIDINYL UREA (78491-02-8) | 2570 mg/kg (mouse) | 1.3 mg/kg (rat) |
| METHYLPARABEN (99-76-3) | >5600 mg/kg | None specified |
| PROPYLPARABEN (94-13-3) | 6332 mg/kg | None specified |

Potential Health Effects:

No specific health warning noted. No specific symptoms noted, but this material may still have adverse health impact, either general or on certain individuals.

Inhalation:

May cause mild irritation of the throat

Ingestion:

May cause nausea

Skin Contact:

None known

Eye Contact:

May cause irritation and redness

Chronic Exposure:

No data available

Aggravation of Pre-existing Conditions:

No data available

Specific Target Organ Toxicity - Single Exposure (GHS):

No data available

Specific Target Organ Toxicity - Repeated Exposure (GHS):

No data available

Germ Cell Mutagenicity:

No data available

Reproductive Toxicity:

No data available

Teratogenicity:

No data available

Aspiration Hazard:

No data available

Numerical Measures of Toxicity: Cancer Lists:

NTP Carcinogen

| Ingredient | Known | Anticipated | IARC Category |
|---|-------|-------------|---------------|
| HAMAMELIS VIRGINIANA WATER (Witch Hazel Distillate) (84696-19-5) | No | No | None |
| PROPYLENE GLYCOL (57-55-6) | No | No | None |
| DIAZOLIDINYL UREA (78491-02-8) | No | No | None |
| METHYLPARABEN (99-76-3) | No | No | None |
| PROPYLPARABEN (94-13-3) | No | No | None |

12 ECOLOGICAL INFORMATION:

12.1 Ecotoxicity:

No information available

12.2 Persistence and Degradability:

Readily biodegradable

12.3 Bio accumulative Potential:

Low bioaccumulation potential (ethanol)

12.4 Mobility in Soil:

No information available

12.5 Results of PBT and vPvB Assessment:

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 Other Adverse Effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13 DISPOSAL CONSIDERATIONS:

13.1 Waste treatment methods

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA.

Consult local regulations to ensure that this material and its containers are disposed of in compliance with all regulatory requirements. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with local requirements.

14 TRANSPORT INFORMATION:

DOT: Not regulated

ADR/RID: Not regulated

IATA: Not regulated

IMDG: Not regulated

ECHA: Guidance to Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures Version 4.1 June 2015. – Not regulated

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15 REGULATORY INFORMATION:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards: Fire Hazard, Acute Health Hazard, Chronic Health Hazard
Massachusetts, Pennsylvania, and New Jersey Right To Know Components: None
California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

15.2 Chemical Safety Assessment: This product contains substances for which Chemical Safety Assessments are not required.

This Safety Data Sheet has been prepared in accordance with REACH regulations Annex II.

16 OTHER INFORMATION:

General Information:

Shelf Life: 36 months when stored within advised conditions
GMO/BSE/TSE Free
Animal Testing: There has never been any animal testing carried out on this product

HAZARD STATEMENTS IN FULL

Hazard Statements: -

Precautionary Statements: -

INFORMATION SOURCES:

Material Safety Data Sheet, Miscellaneous manufacturers

ISSUE NO: 7

DATED: 22/09/2015 (DD/MM/YYYY)

N/A = Not Applicable, N/D = No Data Available, N/C = Not Classified. N/K = Not Known

DISCLAIMER

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