

MATERIAL SAFETY DATA SHEET

DISTILLED WITCH HAZEL (14% ALCOHOL) BPC/USP

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

1.1 Product identifier

NAME: DISTILLED WITCH HAZEL (14% ALCOHOL) BPC/USP
SDS NO.: 1
EINECS NO.: All ingredients are listed in EINECS.
SYNONYMS, TRADE NAMES: Aqua Hamamelis, Hamamelis Water, Witch Hazel
CHEMICAL FORMULA: Not applicable for mixtures
CAS No.: 84696-19-5 + 64-17-5
EINECS /ELINCS No: 283-637-9 + 200-578-6

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]:
Flash Point 43.10°C (109.58°F) (Closed Cup)

Under the sustained combustibility test L2 the product does not support combustion, therefore, the material is classified as “Non-Hazardous for transportation.”

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

2.2 Label Elements:

Symbol: No Symbol
Signal Word: -

Hazard Statements: -

Precautionary Statements: P210: Keep away from heat / sparks / open flames / hot surfaces – No smoking.
P381: Eliminate all ignition sources if safe to do so.
P410 + 403: Protect from sunlight. Store in a well ventilated place.

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	86-85
ETHANOL (Alcohol) (Ethanol-Standard USP)	64-17-5	200-578-6	14-15

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
ETHANOL (Alcohol) (Ethanol-Standard USP)	64-17-5	1000 ppm	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:	-8°C (17.6°F)
Boiling Point / Boiling Range:	88°C (190.4°F) 760mmHg
Flash Point:	43.10°C (109.58°F)
Evaporation Rate (BuAC=1):	Not determined
Flammability:	Does not sustain combustion
Upper / Lower Flammability or Explosive Limits:	Not determined
Vapour Pressure (mm Hg):	18.75 @ 20°C (65.75°F)
Vapour Density (Air=1):	1.03
Relative Density:	0.976 – 0.982 @ 20°C (BPC), 0.979 – 0.983 @ 25°C (USP)
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:	Does not sustain combustion
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
ETHANOL (Alcohol) (Ethanol-Standard USP) (64-17-5)	20,000 ppm (10 hours – rat)	7060 mg/kg (rat)

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:	Salmonella Typhimurium Reverse Mutation Assay
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
ETHANOL (Alcohol) (Ethanol-Standard USP) (64-17-5)	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 Special provision 49 CFR 173.150 (e) – Aqueous solution containing greater than 50% water and less than 24% alcohol and no other hazardous material.
ADR/RID:	Not regulated Aqueous solutions of ethyl alcohol and alcoholic beverages containing not more than 24% alcohol by volume are not subject to the provisions of the ADR.
IATA:	Not regulated Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume.
IMDG:	Not regulated Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.
ECHA:	Guidance to Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures Version 4.1 June 2015. Under the sustained combustibility test L2 the product does not support combustion, therefore, the material is classified as “ Non-Hazardous for transportation. ”

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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: Ethanol, CAS# 64-17-5
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: P210: Keep away from heat / sparks / open flames / hot surfaces – No smoking.
P381: Eliminate all ignition sources if safe to do so.
P410 + 403: Protect from sunlight. Store in a well ventilated place.

INFORMATION SOURCES:

Material Safety Data Sheet, Miscellaneous manufacturers

ISSUE NO: 8

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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