

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Witchazel Distilled BPC/USP 24**

PRODUCT CODE: **60107**

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: A clear, colourless distillate prepared from recently cut and partially dried dormant twigs of *Hammamelis virginiana* to which 13 to 15% of ethanol (ethyl alcohol) is added.

H-No: 3301.9090 00 0

CAS No: 84696-19-5; 64-17-5\*

EINECS: 283-637-9; 200-578-6\*

INCI name: Hammamelis virginiana, Alcohol. (\*)

## 3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures.

## 4. FIRST-AID MEASURES:

INHALATION:	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
EYE CONTACT:	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
SKIN CONTACT:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
INGESTION:	Rinse mouth out with water. Seek medical advice <b>immediately</b> .
OTHER:	When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED:	Use CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
SPECIAL MEASURES:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
EXTINGUISHING PROCEDURES:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## **9. PHYSICAL & CHEMICAL PROPERTIES.**

COLOUR:	Colourless
APPEARANCE:	Clear liquid
ODOUR:	Characteristic of Witch hazel free from acetous odour
FLASH POINT °C:	42. At 55°C this material does not support combustion and therefore is not classified as flammable.
ACIDITY OR ALKALINITY:	Neutral or slightly acid to litmus solution (BPC)
PH @ 25°C:	3.0 – 5.0 (USP)
WEIGHT PER ML @ 20°C:	0.976 to 0.982 (BPC)
WEIGHT PER ML @ 25°C:	0.979 to 0.983 (USP)
METHANOL:	Not detected
FORMALDEHYDE:	Negative (BPC)
NON VOLATILE RESIDUE:	Not more than 0.25% w/v (USP/BPC)

### ACETONE, OTHER KETONES

### ISOPROPYL ALCOHOL AND

### TERTIARY BUTYL ALCOHOL:

LIMIT OF TANINS:	Negative
ALCOHOL CONTENT:	Not more than 0.03mg/ml (USP)
PLATE COUNT INC. YEAST & MOULD:	14 to 15% pure ethyl alcohol v/v (USP)
GRAM NEG. PLATE COUNT:	<10 CFU/ml
	1 CFU/ml max.

## **10. STABILITY & REACTIVITY.**

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with
INCOMPATIBLE SPECIFIC CHEMICALS:	Aluminium, Zinc, Copper, Aluminium, Zinc & Copper alloys.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXICOLOGICAL INFORMATION.**

Not considered a hazardous substance.

## **12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY: Data not available  
PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

## **13. DISPOSAL CONSIDERATIONS.**

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## **14. TRANSPORT REGULATIONS.**

Road (ADR/RID): n/a  
AIR (IATA): n/a  
SEA (IMDG): n/a  
CHIP: See section 15

## **15. REGULATORY INFORMATION.**

HAZARDS: n/a  
SYMBOLS: n/a  
RISK PHRASES: n/a  
SAFETY PHRASES: n/a

## **16. OTHER INFORMATION.**

Cosmetics Directive 7<sup>th</sup> Amendment: Not restricted

### **PACKAGING:**

<b>Type</b>	<b>Suitability</b>
Glass	Yes
Lacquer lined steel/tin	No
Aluminium	No
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

### **SHELF LIFE**

When stored within advised conditions, re-test after 12 months then every 6 months up to a maximum shelf life of 36 months.

### **Q.C. REQUIREMENTS.**

In-line with general product specification. Always satisfy suitability for specific application.

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