

# GLENDO LLC

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

**MATERIAL NAME:** RENAISSANCE WAX

**TRADE NAME:** Renaissance Wax  
**PART NUMBERS:** 024-001  
**DISTRIBUTOR'S NAME:** Glendo LLC  
**ADDRESS:** 900 Overlander Road, Emporia, KS 66801  
**PHONE:** (620) 343-1084

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	EC No.	Index No.	Classification	Concentration
WHITE SPIRIT (contains less than 0.1% benzene by weight)	64741-920-0	265-095-5	649-279-00-6	Flam. Liq 3, Asp.Tox.1, Chronic Aquatic 2 H226, H304, H411 Xn, N; R10-65-51/53	80%
Also contains microcrystalline wax.					

N.B. The extraordinary absorptive capacity of the Renaissance blend of waxes ensures freedom from solvent despite the high liquid content. In its can, the wax remains a dense solid. As such, Renaissance wax is classified as a solid material which does not meet the UN criteria for a flammable solid. As the white spirit is present in a form that is not available to the aquatic environment a classification as an environmental hazard is not deemed to be appropriate.

### 3. HAZARDS IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not classified as hazardous according to Regulation (EC) No.1272/2008

Not classified as hazardous according to European Directive 67/548/EEC as amended

### 4. FIRST AID MEASURES

**EYE CONTACT:** In case of eye contact, check for and remove contact lenses. Flush with tepid water for at least 15 minutes while holding the eyelids open. Seek medical attention if irritation persists.

**SKIN CONTACT:** Carefully remove contaminated clothing, wash exposed area with soap and water. Seek medical attention if irritation persists.

**INHALATION CONTACT:** Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention. Show this safety data sheet to medical personnel.

**INGESTION CONTACT:** Do not induce vomiting. Give plenty of water to drink. If feeling unwell seek prompt medical attention.

## 5. FIRE, EXPLOSION DATA AND MEASURES

**SUITABLE EXTINGUISHERS:** Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which are suitable and appropriate for any surrounding fire. Material is expected to be combustible.

**UNSUITABLE EXTINGUISHERS:** Water jets

**HAZARDOUS DECOMPOSITION:** May produce dense smoke, toxic fumes and combustion products if involved in a fire

**SPECIAL PROCEDURES/INFORMATION FOR FIREFIGHTERS:** Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire-retardant clothing. Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should be dealt with only by trained personnel.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTION AND PRECAUTIONS:** Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapors. Ensure adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

**CONTAINMENT, CLEANING UP AND DISPOSAL CONSIDERATIONS:** Scoop up and place in plastic container to await transfer. Refer to Section 13 for further information regarding disposal.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid inhalation of vapor. Keep product away from sources of ignition.

**STORAGE:** Store in cool place. Keep containers tightly closed in a dry and well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE LIMIT:** 500mg/m<sup>3</sup> 8hrTWA OES White Spirit (recommended)

**RESPIRATORY PROTECTION:** Use in well-ventilated areas. Use mechanical ventilation if possible. If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A to Standard EN405 or equivalent.

**HAND PROTECTION:** Wear nitrile or polythene gloves to Standard EN 374 (breakthrough time for total immersion in excess of 8 hours).

**EYE PROTECTION:** Wear suitable eye protection such as safety glasses to Standard BS EN 166 if eye contact likely.

**SKIN PROTECTION:** Wear suitable work clothes and change if contaminated. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White microcrystalline solid paste

**ODOR:** Characteristic

**PH:** not available

**BOILING POINT/RANGE:** not available

**MELTING POINT/RANGE:** not available

**FLASH POINT:** not available

**FLAMMABILITY:** non flammable

**AUTOFLAMMABILITY:** not available

**EXPLOSIVE PROPERTIES:** not available

**OXIDIZING PROPERTIES:** none

**VAPOR PRESSURE:** not available

**RELATIVE DENSITY:** not available

**SOLUBILITY:** insoluble in water

## 9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

**PARTITION COEFFICIENT:** not available

**VAPOR DENSITY:** not available

**VISCOSITY:** not available

**EVAPORATION RATE:** not available

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at normal temperatures and under recommended storage conditions.

**CONDITIONS TO AVOID:** High temperature and sources of ignition.

**MATERIALS TO AVOID:** Strong oxidizing agents and strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous decomposition products when stored and handled correctly.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** No acute toxicity data on product. Not expected to be acutely toxic.

**SKIN CORROSION/IRRITATION:** Skin-rabbit — No skin irritation — OECD Test Guideline 404

**SERIOUS EYE DAMAGE/EYE IRRITATION:** Eye rabbit — Mild eye irritation — 24h

**RESPIRATORY OR SKIN SENSITIZATION:** no data available

**GERM CELL MUTAGENICITY:** no data available

**CARCINOGENICITY:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**REPRODUCTIVE TOXICITY:** No data available

**SPECIFIC TARGET ORGAN TOXICITY — SINGLE EXPOSURE:** No data available

**SPECIFIC TARGET ORGAN TOXICITY — REPEATED EXPOSURE:** No data available

### POTENTIAL HEALTH EFFECTS

**INHALATION:** May cause drowsiness and dizziness if excessive amounts inhaled in a poorly ventilated area.

**INGESTION:** May be harmful if swallowed.

**SKIN:** May cause transient skin irritation. Repeated exposure may cause skin dryness or cracking.

**EYES:** May cause transient eye irritation.

## 12. ECOLOGICAL INFORMATION

**TOXICITY:** The white spirit solvent component of Renaissance Wax will not leach from the microcrystalline wax and is therefore not considered to be able to contaminate watercourses affecting aquatic toxicity.

**PERSISTENCE AND DEGRADABILITY:** not expected to release persistent components

**MOBILITY IN SOIL:** immobile solid

**PBT AND VPVB ASSESSMENT:** no data available.

**BIOACCUMULATIVE POTENTIAL:** not expected to bioaccumulate

**OTHER ADVERSE EFFECTS:** no data available

## 13. DISPOSAL CONSIDERATIONS

**PRODUCT:** Material is not classified as hazardous waste under the Hazardous Waste Regulations 2005 (as amended). Follow supplier's instructions regarding safe methods of disposal. Do not discharge into drains or watercourses without prior approval.

**CONTAMINATED PACKAGING:** Dispose of as unused product.

## 14. TRANSPORT INFORMATION

**ADR/RID:** Not classified as hazardous for transport

**IMDG:** Not classified as hazardous for transport

**IATA:** Not classified as hazardous for transport

## 15. REGULATORY INFORMATION

**LABEL ELEMENTS:** No statutory safety labels are required for this material in accordance with the provisions of EC/1907/2006, EC/1272/2008 or 67/548/EEC as amended.

### **OTHER REGULATIONS:**

Health & Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

## 16. OTHER INFORMATION

### **TEXT OF H-CODE(S) AND R-PHASE(S) MENTIONED IN SECTION 3**

**H226:** Highly flammable liquid and vapor

**H304:** May be fatal if swallowed and enters airways

**H411:** Toxic to aquatic life with long lasting effects

**R10:** Flammable

**R65:** Harmful: may cause lung damage if swallowed

**R51/53:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The information contained herein is based on data considered to be accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third party persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the material safety data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third party persons proximately caused by abnormal use of this material even if reasonable safety procedures are followed.

Vendee assumes the risk in use of this material.

<b>CREATION DATE</b>	<b>CREATED BY</b>	
03/11/2013	R. Fessler	
<b>REVISION DATE</b>	<b>REVISED BY</b>	<b>REASON FOR REVISION</b>
08/13/2014	R. Fessler	Content Review