

# GLENDO LLC

## SAFETY DATA SHEET

### 1. PRODUCT & COMPANY INFORMATION

#### 1.1 PRODUCT IDENTIFIER(S)

**Product Name:** Renaissance Wax

**Stock Number:** 024-001

#### 1.3 COMPANY INFORMATION

**Distributor's Name:** Glendo LLC

**Address:** 900 Overlander Road, Emporia, KS 66801

**Phone:** (620) 343-1084

### 2. HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2 LABEL ELEMENTS

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### 2.3 OTHER HAZARDS

None.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 MIXTURES

CAS Number	EC Number	Index Number	Classification	Concentration
White Spirit (contains less than 0.1% benzene by weight)				
64741-92-0	265-095-5	649-279-00-6	Flam. Liq 3, Asp.Tox.1, Chronic Aquatic 2 H226, H304, H411	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. For the full text of the H-Statements, R-Phrases and classification notes mentioned in this Section, see Section 16.

### 4. FIRST AID MEASURES

#### 4.1 DESCRIPTION OF FIRST AID MEASURES

**If inhaled:** If vapour or mists are breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact:** Wash off with soap and plenty of water. If irritation persists seek further medical attention.

**In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and seek further medical attention.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek further medical attention.

## **4. FIRST AID MEASURES (continued)**

### **4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

To the best of our knowledge, the chemical, physical, and toxicological properties of the mixture have not been thoroughly investigated.

### **4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No data available.

## **5. FIREFIGHTING MEASURES**

### **5.1 EXTINGUISHING MEDIA**

**Suitable extinguishing media:** 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.

### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Highly dependent on combustion conditions. A complex mixture of dense smoke containing airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

### **5.3 ADVICE FOR FIREFIGHTERS**

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Use water spray to cool containers. Use water fog to disperse vapours and leaks that have not ignited. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

### **5.4 FURTHER INFORMATION**

No data available.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours or mists. Ensure adequate ventilation.

### **6.2 ENVIRONMENTAL PRECAUTIONS**

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

### **6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

### **6.4 REFERENCE TO OTHER SECTIONS**

For disposal see section 13.

## **7. HANDLING AND STORAGE**

### **7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid inhalation of vapour. Keep away from sources of ignition.

### **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **7.3 SPECIFIC END USE(S)**

No data available.

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

### **8.1 CONTROL PARAMETERS**

#### **Components with occupational exposure limits**

<b>Component</b>	<b>CAS No.</b>	<b>Reference period</b>	<b>Exposure Limit</b>	<b>Basis</b>
White Spirit	64741-92-0	8hr TWA	500mg/m <sup>3</sup>	Recommended OEL

### **8.2 EXPOSURE CONTROLS**

#### **APPROPRIATE ENGINEERING CONTROLS**

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

#### **PERSONAL PROTECTIVE EQUIPMENT**

**Eye/face Protection:** Use equipment for eye protection tested and approved under appropriate standards such as EN 166.

**Skin Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include Nitrile, Polythene and PVC gloves.

**Body Protection:** Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory Protection:** Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control use an organic filter type A.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Form: White microcrystalline solid paste

**Odor:** Characteristic

**Odor threshold:** no data available

**pH-value:** no data available

**Melting/Freezing point:** no data available

**Initial boiling point and range:** no data available

**Flash point:** not applicable

**Evaporation rate:** no data available

**Flammability (solid, gas):** Not classified as a flammable solid

**Upper/lower flammability or explosive limits:** no data available

**Vapor pressure:** no data available

**Vapor density:** no data available

**Relative density:** no data available

**Water solubility:** Insoluble in water

**Partition coefficient (n- octanol/water):** no data available

**Auto-ignition temperature:** no data available

**Decomposition temperature:** no data available

**Viscosity:** no data available

**Explosive properties:** None

**Oxidizing properties:** None

## **9. PHYSICAL AND CHEMICAL PROPERTIES (continued)**

### **9.2 OTHER SAFETY INFORMATION**

No data available

## **10. STABILITY AND REACTIVITY**

### **10.1 REACTIVITY**

No data available on mixture.

### **10.2 CHEMICAL STABILITY**

Expected to be Stable at normal temperatures and under recommended storage conditions.

### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No data available.

### **10.4 CONDITIONS TO AVOID**

High temperature (>50°C), sources of ignition & direct sunlight.

### **10.5 INCOMPATIBLE MATERIALS**

Strong oxidising agents.

### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

No hazardous decomposition products when stored and handled correctly.

## **11. TOXICOLOGICAL INFORMATION**

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute toxicity:** No data available on mixture. Not expected to have any acute toxic effects.

**Skin corrosion/irritation:** No data available on mixture. Not expected to cause any acute skin corrosion or irritation.

**Serious eye damage/eye irritation:** No data available on mixture. Not expected to cause any acute eye damage or primary irritation; mild reversible eye irritation may be possible following exposure.

**Respiratory or skin sensitisation:** No data available on mixture. Not expected to have sensitisation potential.

**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 on mixture. Inhalation of significant vapours or mists may cause transient respiratory irritation

**Specific target organ toxicity - repeated exposure:** No data available

**Aspiration hazard:** No data available on mixture. Not expected to pose an aspiration hazard.

### **POTENTIAL HEALTH EFFECTS**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

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

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

### **Signs and Symptoms of Exposure:**

To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated.

**Additional Information:** Not available.

## **12. ECOLOGICAL INFORMATION**

### **12.1 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.

### **12.2 PERSISTENCE AND DEGRADABILITY**

Not expected to release persistent components

### **12.3 BIOACCUMULATIVE POTENTIAL**

Not expected to bioaccumulate

### **12.4 MOBILITY IN SOIL**

Immobile solid

### **12.5 RESULTS OF PBT AND VPVB ASSESSMENT**

No data available

### **12.6 OTHER ADVERSE EFFECTS**

No data available

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 WASTE TREATMENT METHODS**

#### **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**

### **14.1 UN NUMBER**

**ADR/RID:** -      **IMDG:** -      **IATA:** -

### **14.2 UN PROPER SHIPPING NAME**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

### **14.3 TRANSPORT HAZARD CLASS(ES)**

**ADR/RID:** -                      **IMDG:** -                      **IATA:** -

### **14.4 PACKAGING GROUP**

**ADR/RID:** -                      **IMDG:** -                      **IATA:** -

### **14.5 ENVIRONMENTAL HAZARDS**

**ADR/RID:** no                      **IMDG Marine Pollutant:** no                      **IATA:** no

### **14.6 SPECIAL PRECAUTIONS FOR USER**

No data available

## **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Health & Safety at Work etc. Act 1974

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

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)

### **15.2 CHEMICAL SAFETY ASSESSMENT**

No data available.

## **16. OTHER INFORMATION**

### **FURTHER INFORMATION**

#### **Text of H-code(s) and R-phrase(s) mentioned in Section 3**

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H411 Toxic to aquatic life with long lasting effects

#### **Recommended restrictions on use**

Use in accordance with manufacturer's technical instructions.

User is granted the ability to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. GLEND0, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.

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