SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) amended by
Commission Regulation (EU) 2020/878 with respect to SDSs

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

1.1. Product Identifier

Product Name:	**YUCCA WAX ENW231, ENW231G, ENW231P**
Product Description:	Soy wax blend for container candles

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use:	Production of candles

1.3. Details of the supplier of the safety data sheet

Company:	Evricom Ltd.
Address:	168 Tzar Ivan Asen II Str 6000, Stara Zagora, Bulgaria
Telephone:	+ 359 42 692 900
Email:	office@evricom.com

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272 / 2008 (CLP)

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272 / 2008 on classification, labelling and packaging of substance and mixture.

2.2. Labelling according to Regulation (EC) No 1272 / 2008 (CLP)

Not a hazardous substance or mixture.

Signal word:	Not required.

2.3. Other Hazards

This substance / mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or high.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

This material is identified as a mixture.

3.2. Mixtures – mixture of saturated and unsaturated fatty acid containing triglycerides, diglycerides and monoglycerides. This mixture contains no substances classified according to Regulation (EC) No 1278/2008 as hazardous or require reporting in the current section.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Inhalation is unlikely because of the low vapour pressure of the substance under normal conditions. If fumes or combustion products occur and are inhaled remove person from contaminated area. Other measures are usulaly unnecessary.
Skin Contact	Wash off with soap and plenty of water.
In case of burns	Wash off with soap and plenty of water. Immediately apply cold water to burn either by immersion or wrapping with saturated clean cloth. DO NOT remove or cut away clothing over burnt areas. DO NOT pull away clothing which has adhered to the skin as this can cause further injury. DO NOT break blister or remove solidified material. Quickly cover wound with dressing or clean cloth to help prevent infection and to ease pain.
Eye contact	Wash out immediately with water. If irritation continues, seek medical attention.
Ingestion	Do not induce vomiting. Ask for medical advice. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms / injuries after inhalation	None expected at ambient temperature. Inhalation of fumes or oil mist produced at high temperature may cause irritation on respiratory track.
Symptoms / injuries after skin contact	Irritation may arise in case of repeated or prolonged exposure. May cause burn in case of contact with product at high temperature.

Symptoms / injuries after eye contact	Slight eye irritation. May cause burn in case of contact with product at high temperature.
Symptoms / injuries after ingestion	Few or no symptoms expected.

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

No data available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

5.1.1. Suitable Extinguishing media	Water. Foam, dry chemical powder, sand or earth.
5.1.2. Unsuitable Extinguishing Media	Do not use direct water jets on the burning product, they could cause splattering and spreading the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon Monoxide (CO). Do not inhale fire burning products.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective gloves.
Prevent, spillage from entering drains or water courses.
Use water delivered as a fine spray to control fire and cool adjacent area.
DO NOT approach containers suspected to be hot. ·
Cool fire exposed containers with water spray from a protected location.

5.4. Further information

Water used to extinguish fire should not enter drainage systems, soil, or stretches of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedure

Personal Protection:	Use non-slip safety shoes in areas where spills or leaks can occur. Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.
6.1.1. For non-emergency personnel	No data available.
6.1.2. For emergency responders	No data available.

6.2. Environmental precautions

Prevent discharge into drains, water courses or sewers, rivers or other bodies of water. Solidified products may clog drains and sewers.

6.3. Methods and material for containment and cleaning up

Keep in suitable, closed containers for disposal. Clean thoroughly. Sweep up and shovel.

6.4. Reference to other sections

No data available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures	Eliminate sources of ignition. Provide appropriate exhaust ventilation at places where dust is formed.
Hygiene measures	General industrial hygiene practice. For precautions see section 2.2.
Process Hazards	Caution - spillages may be slippery.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Storage class	11 – Flammable solids.
Fire class	B – Fires involving liquids or liquefiable substances.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredients with workplace control parameters	Not available.

8.2. Exposure Controls

For molten materials:
Provide mechanical ventilation; in general such ventilation should be provided at compounding / converting areas and at fabricating / filling work stations where the material is heated. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling the molten material.

8.2.1. Engineering controls	Provide adequate local ventilation to control vapor, when handling the product in molten state. Provide eye shower and label its location conspicuously.
8.2.2. Personal protection equipment Eye/face protection	Wear protective shield when handling hot material. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
	
Skin protection	Handle with gloves. Gloves must be inspected prior to use. The selected protective gloves should satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. When handling hot or molten protective gloves should also satisfy the DIN EN 407 standard.
	
Body Protection	Wear protective clothing when handling hot material. Waxes are lubricants, danger of slipping! Wear suitable footwear (antistatic work shoes). When handling hot or molten, wear trousers or overalls outside of boots, to avoid spills entering boots.
	
Respiratory protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
	
8.2.3 Environmental exposure control	Do not let product enter drains. Comply with applicable local environmental regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form	Solid at ambient temperature
Color	Off-white to yellowish
Odour	Odourless
Melting point (°C)	40 – 60
Flash point (°C)	> 250
Viscosity, dynamic (cP)	6,00 – 12,00 at 100°C
Viscosity, kinematic (mm^2/s)	7,00 – 13,00 at 100°C
Evaporation rate	No data available.
Density (g/cm^3)	0,800 – 0,900
Solubility (Water)	Insoluble
Solubility (Other)	Organic solvents
Explosive properties	Shall not be classified as explosive.

9.2. Other information — The above data are informative, accurate physical-chemical data of the product are specified on the product certificate.

10. STABILITY AND REACTIVITY

10.1. Reactivity — Stable under normal conditions. There are no known reactivity hazards associated with this product.

10.2. Chemical stability — The product is stable under normal conditions and the set handling and storage conditions described in Chapter 7.

10.3. Possibility of hazardous reactions — No data available.

10.4. Conditions to avoid — Keep away from ignition sources and take precautionary measures against electrostatic charges. Avoid dust formation and the raise of dust. Keep away from open fire and flames.

10.5. Incompatible materials and conditions

Strong oxidising agents.

10.6. Hazardous Decomposition Product(s)

Carbon monoxide (CO), Carbon dioxide (CO_2), flammable hydrocarbons.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	None. LD 50 Intraperitoneal-Mouse-> 50.000 mg/kg.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified. Direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Conclusive but not sufficient for classification.
Carcinogenicity	Conclusive but not sufficient for classification.
Reproductive toxicity	No data available.
Summary of evaluation of the CMR properties	Reproductive toxicity: None Mutagenicity: None
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Vapours may be irritating for people with sensible respiratory tract. High inhaled concentrations of mixed hydrocarbons produces narcosis characterised by nausea, vomiting and light headedness.
Ingestion	Not classified.

12. ECOLOGICAL INFORMATION

12.1. Toxicity According to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

12.2. Persistence and degradability No Data available.

12.3. Bioaccumulative potential No Data available.

12.4. Mobility in soil No Data available.

12.5. Results of PBT and vPvB assessment

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties No Data available.

12.7. Other adverse effects No Data available.

13. DISPOSAL CONSIDERATION

13.1. Waste treatment methods

When recycling of the product is not possible, disposal to landfill or incineration in accordance with all applicable government laws and regulations is recommended. Disposal according to local authority regulations. Contact licensed waste disposal company.

13.1.1 Contaminated packaging

Contaminated packaging must be emptied of all residues and can be recycled following appropriate cleaning.

14. TRANSPORT INFORMATION

14.1. UN number Not regulated as a dangerous good.

14.2. UN proper shipping name Not regulated as a dangerous good.

14.3. Transport hazard class(es) Not regulated as a dangerous good.

14.4. Packing group Not regulated as a dangerous good.

14.5. Environmental hazards

ADR/RID: no
Marine pollutant: no
IATA: no
Other information: no supplementary information available.

14.6. Special precautions for user No supplementary information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

14.8. Further Information Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

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

Relevant provisions of the European Union (EU) REACH -Candidate List of Substances of Very High Concern for Authorisation (Article 59).	This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
15.2. Chemical safety assessment	Not regulated as a dangerous good.

16. OTHER INFORMATION

Exposure scenarios: Not required.
Prepared by: Evricom Ltd.
Abbreviations and acronyms: ASTM – American Society for Testing and Materials. CAS – Chemical Abstracts Service. CLP –Classification, Labeling and Packaging. CSR – Chemical Safety Report. EC – European Community. EEC – European Economic Community. EINECS – European Inventory of Existing Commercial Chemical Substances. GHS – Globally Harmonized System. HMIS – Hazardous Materials Identification System. IARC – International Agency for Research on Cancer. LC 50 – Lethal Concentration, 50%. LD 50 – Lethal Dose, 50%. NOISH – National Institute for Occupational Safety and Health. NTP – National Toxicology Program. OSHA – Occupational Safety and Health Administration. REACH – Registration, Evaluation, Authorization and Restriction of Chemicals. RoHS – Restriction of Hazardous Substances. SDS – Safety Data Sheet. SVHC – Substance of Very High Concern.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information in this document is based on the present state of our knowledge and therefore does not represent any guarantee of the properties of the product.
For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.