**Material Safety Data Sheet**

## 1. Chemical Product & Company Identification

**Product name:** pandalabs white purified beeswax
**Other name:** Synthetic Beeswax

**Supplier**:
Private Trade Unitary Enterprise "Flow"
220131, REPUBLIC OF BELARUS, MINSK, RZHAVETSKAYA STREET, 5, ROOM 158/3
pandalabs.by | T: +375296544545 | E: info@pandalabs.by

## 2. Composition & Information On Ingredients

| Substance Name | CAS-No | EC Number |
|---|---|---|
| Beeswax | 8012-89-3 | 232-383-7 |
| Paraffin waxes, hydrotreated | 64742-51-4 | 265-154-5 |
| Hydrocarbon waxes hydrotreated | 64742-60-5 | 265-163-4 |
| Vegetable Oils hydrogenated | 68514-74-9 | 271-056-3 |
| Vegetable-based Fatty acids, C16-18 | 67701-03-5 | 266-928-5 |
| Vegetable-based C10-18 Triglycerides | 85665-33-4 | 288-123-8 |

**Hazardous components:** None
**Toxicological Data on Ingredients:** Not applicable.

## 3. Hazards Identifications

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
**Potential Chronic Health Effects:**
**Carcinogenic Effect:** Not available.
**Mutagenic Effects:** Not available.
**Teratogenic Effects:** Not available.
**Developmental Toxicity:** Not available.
Repeated or prolonged exposure is not known to aggravate medical condition.

## 4. First Aid Measures

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
**Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
**Inhalation:** Remove to fresh air. Get medical attention immediately if symptoms occur.
**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
**Most important symptoms and effects:** None reasonably foreseeable.
**Notes to Physician:** Treat symptomatically

## 5. Fire Fighting Measures

Suitable Extinguishing Media Carbon dioxide (CO 2). Powder. Water spray. In case of major fire and large

quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
**Unsuitable Extinguishing Media:** No information available
**Flash Point:** No information available
**Method:** No information available
**Autoignition Temperature:** No information available
**Explosion Limits:**
**Upper:** No data available
**Lower:** No data available
**Sensitivity to Mechanical Impact:** No information available
**Sensitivity to Static Discharge:** No information available
**Specific Hazards Arising from the Chemical:**
Keep product and empty container away from heat and sources of ignition. Hazardous Combustion Products Carbon monoxide (CO). Carbon dioxide (CO2).
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Small Spill**:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
**Large Spill**:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## 7. Handling and Storage

**Precautions**:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.
**Storage**: Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. Exposure Controls/Personal Protection

**Engineering Controls**:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
**Personal Protection**: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
**Personal Protection in Case of a Large Spill**: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
**Exposure Limits**: Not available.

## 9. Physical and Chemical Properties

**Physical state and appearance:** Solid
**Odour**: Characteristic
**Taste:** Not available.

**Molecular Weight:** Not available.
**Color:** White
**pH (1% soln/water):** Not applicable.
**Boiling Point:** Not available.
**Melting point**: 58-62°C
**Critical Temperature:** Not available.
**Specific Gravity:** 0.97 (Water = 1)
**Vapor Pressure:** Not applicable.
**Vapor Density:** Not available.
**Volatility:** Not available.
**Odor Threshold:** Not available.
**Water/Oil Dist. Coeff.:** Not available.
**Ionicity (in Water):** Not available.
**Dispersion Properties:** Not available.
**Solubility:** Insoluble in cold water.

**10. Stability and Reactivity**
**Reactive Hazard:** None known, based on information available
**Stability:** Stable under normal conditions. Conditions to Avoid Incompatible products.
**Incompatible Materials:** Oxidizing agent
**Hazardous Decomposition Products:** Carbon monoxide (CO), Carbon dioxide (CO2)
**Hazardous Polymerization:** Hazardous polymerization does not occur.
**Hazardous Reactions:** None under normal processing.

**11. Toxicological Information**
**Routes of Entry**: Not available.
**LD50**: Not available. **LC50:** Not available.
**Chronic Effects on Humans**: Not available.
**Other Toxic Effects on Humans**: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
**Special Remarks on Toxicity to Animals**: Not available.
**Special Remarks on Chronic Effects on Humans**: Not available.
**Special Remarks on other Toxic Effects on Humans**: Not available.

**12. Ecological Information**
**Ecotoxicity**: Not available.
**BOD5 and COD**: Not available.
**Products of Biodegradation**: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
**Toxicity of the Products of Biodegradation**: The products of degradation are more toxic.
**Special Remarks on the Products of Biodegradation**: Not available.

**13. Disposal Considerations**
**Waste Disposal**
Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. Transport Information**
**DOT; IATA; IMO; ADR**: This product is not classified as dangerous goods as defined by 49 CFR 172.101 by

the U.S. Department of Transportation.
**Proper Shipping Name**: Not Regulated
**Hazard Class Number And Description**: N/A
**UN Identification Number**: N/A
**Packing Group**: N/A
**DOT Label Required**: N/A
**Marine Pollutant**: This product does not contain ingredients that are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)
**International Air Transport Association** (IATA): This product is not classified as Dangerous Goods, by rules of IATA.
**International Maritime Organization (IMO) Designation**: This product is not classified as Dangerous Goods by the International Maritime Organization.
**European Agreement Concerning the International Carriage of Dangerous Goods By Road** (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

**15. Other Regulatory Information**
**Federal and State Regulations: TSCA 8(b) inventory**:
**Other Regulations**: Not available.
**WHMIS (Canada)**: Not controlled under WHMIS (Canada).
**DSCL (EEC)**: This product is not classified according to the EU regulations.
**HMIS (U.S.A.)**:
**Health Hazard**: 1
**Fire Hazard**: 1
**Reactivity**: 0
**Personal Protection**: E
**National Fire Protection Association (U.S.A.)**: Health: 1
**Flammability**: 1
**Reactivity**: 0
**Specific hazard**:
**Protective Equipment**: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

**16.Other Information**
**References**: Not available.
**Other Special Considerations**: Not available.
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