

# SAFETY DATA SHEET

## WEND MF Performance (all temp variations, base prep & IR)

**<50% By Total Weight**

### SECTION 1: IDENTIFICATION

**Product Name:** Meadow Foam Plant Based Seed Wax

**Manufacturer/Supplier:** Wax Research Inc 1212 Distribution Way Vista, CA 92081

**Telephone Number:** 760-607-0850

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:** This product is not a hazardous substance or preparation according to EC directives 67/548/EEC and 1999/45/EC.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical name / Description:** Hydrogenated Seed Oil, Fatty acid triglyceride **CAS number:** 68334-28-1 **Classification:** This product is not a hazardous substance or preparation according to EC directives 67/548/EEC and 1999/45/EC.

### SECTION 4: FIRST AID MEASURES

**Skin contact:** Wash with soap and water. If hot product, cool immediately under water and obtain medical attention. **Eye contact:** Rinse with water. Seek medical attention if there is irritation. **Ingestion:** Seek medical advice.

### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Foam, carbon dioxide, dry chemical **Unsuitable extinguishing media:** Water **Special exposure hazards:** Hazardous decomposition products can be produced during combustion. See section 10. **Special protective equipment for fire-fighters:** Treat as an oil fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment including gloves and eye protection. **Environmental precautions:** Prevent entry into drains, sewers, or bodies of water. **Methods for cleaning up:** Sweep up material thoroughly. Wash area with aqueous detergent solution to remove residual product. If material is spilled while liquid, extra care should be taken during cleanup. **Special indications:** Contaminated surfaces represent a slip hazard.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Employ good industrial and hygiene practice. **Conditions for safe storage:** Store in a cool, dry area.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limit values:** No components with exposure limit values **Personal protective equipment:**

- **Respiratory protection:** No special equipment required
- **Eye protection:** Safety glasses when material is hot or finely ground
- **Skin & hand protection:** Lightweight protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid, white to light yellow **Odor:** Typical fatty odor **Melting point:** 70-72° C **Flash point:** > 200° C **Water solubility:** Insoluble **Partition coefficient (n-octanol/water):** No data available

## SECTION 10: STABILITY AND REACTIVITY

**Conditions to avoid:** None known **Materials to avoid:** None known **Hazardous decomposition products:** None known

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute oral toxicity:** No data available **Acute dermal toxicity:** No data available **Primary eye irritation:** No data available **Primary skin irritation:** No data available **Sensitization:** No data available

## SECTION 12: ECOLOGICAL INFORMATION

**Biodegradation:** Expected to be readily biodegradable. **Ecotoxicity:** No adverse ecotoxic effects known

## SECTION 13: DISPOSAL CONSIDERATIONS

**Substance disposal:** Dispose in accordance with all local, regional, and national regulations. **Contaminated packaging:** Dispose in accordance with all local, regional, and national regulations.

## SECTION 14: TRANSPORT INFORMATION

Not subject to transport regulations

## SECTION 15: REGULATORY INFORMATION

**Chemical safety assessment:** Not conducted **Classification under EC Directives 67/438/EEC & 1999/45/EC:** Not a hazardous substance or preparation.

# Safety Data Sheet (SDS) Continued

**>50% By Total Weight**

## Section 1: Identification

**Product Name:** Food Grade Paraffin Wax

**Manufacturer/Supplier:** Wax Research Inc 1212 Distribution Way Vista, CA 92081

**Telephone Number:** 760-607-0850

## Section 2: Hazard(s) Identification

**Physical State/Appearance:** Solid **Hazardous Components:** None **Emergency Overview:** Non-toxic and non-hazardous.

### Potential Acute Health Effects:

- **Eyes:** None.
- **Skin:** Dermatitis may occur with prolonged exposure.
- **Inhalation:** None.
- **Ingestion:** None.

### NFPA Hazard ID:

- Health: 1

- Flammability: 1
- Reactivity: 0

## Section 3: Composition/Information on Ingredients

**Generic Name:** Paraffin wax **Chemical Family:** Petroleum hydrocarbon **CAS Number:** 8002-74-2 **Molecular Formula:** N/A

## Section 4: First-Aid Measures

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water. Seek medical attention.

**Skin Contact:** If molten, immerse affected area in cold water to assist cooling. Seek medical attention. Do not remove solidified wax from skin.

**Note to Physician:** Support respiratory and cardiovascular function.

## Section 5: Fire-Fighting Measures

**Flammability of Product:** Combustible at high temperature **Products of Combustion:** Carbon oxides (CO, CO<sub>2</sub>)

### Fire Fighting Media and Instructions:

- **Small Fire:** Dry chemical powder
- **Large Fire:** Water spray, fog, or foam. Do not use water jet.
- **Protective Equipment:** Approved/certified respirator or equivalent
- **Specific Hazards:** Incomplete combustion produces fumes, flue gases, carbon monoxide
- **Additional Information:** Apply cold water to cool containers exposed to danger.

## Section 6: Accidental Release Measures

**Small Spill and Leak:** Use appropriate tools to put the spilled solid in a convenient waste disposal container.

**Large Spill and Leak:** Use a shovel to put the material in a convenient waste disposal container.

**Spill in Navigable Waters:** Report spills of any amount in navigable waters or adjoining shorelines to: National Response Center, (800) 424-8802.

## Section 7: Handling and Storage

**Handling:** Store solids in a cool, dry, well-ventilated area. Contact with any heat source may cause melting.

**Storage:** Liquid paraffin may also be stored in bulk storage tanks (170°–200°F).

## Section 8: Exposure Controls/Personal Protection

### Exposure Limits (Fumes):

- **ACGIH (United States, 2002):** TWA: 2mg/m<sup>3</sup>
- **NIOSH (United States, 2002):** TWA: 2mg/m<sup>3</sup>

**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 limits. Molten wax should not be exposed to water, as it causes violent reactions.

### Personal Protective Equipment:

- **Eyes:** Safety glasses or goggles. Face shields should be worn to protect eyes against hot wax splashes.
- **Body:** Full suit
- **Respiratory:** Approved dust respirator, or vapor respirator in areas of high concentrations of dust/vapor
- **Hands:** Heat-resistant gloves if working with molten wax
- **Feet:** Safety boots
- **In Case of Large Spill:** Splash goggles, full suit, boots, and gloves

## Section 9: Physical and Chemical Properties

**Color:** Off-white to white solid (molten wax is clear) **Odor:** None **Flash Point (Closed Cup):** ≥455°F **Congeeing Point:** Not specified **Density at 25°C:** 0.90 g/ml **Average Molecular Mass:** Not determined **Solubility in Water (20°C):** Negligible **Physical State:** Solid at ambient temperature **Explosion Properties:** Hazard exists if in sub-micron form (dust)

## Section 10: Stability and Reactivity

**Conditions to Avoid:** Prolonged storage 50°C above congealing point may interfere with quality.

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Flue gas, carbon monoxide, aldehydes in the case of incomplete combustion

**Thermal Decomposition:** Approx. 250°C

## Section 11: Toxicological Information

**NOEL (rat):** 20 - 2000 mg/kg/day **Oral TDL 0 (rat):** > 2000 mg/kg/day

## Section 12: Ecological Information

The product is water-insoluble, and under normal environmental conditions, has no detrimental effect on plants, animals, or micro-organisms. Keep away from waterways, sewers, drains, basements, and confined spaces.

## Section 13: Disposal Considerations

**Waste Information:** Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

## Section 14: Transport Information

This product is not controlled under any of the following classifications: DOT (United States), TDG (Canada), IMDG, IATA.

## Section 15: Regulatory Information

**HCS Classification:** Combustible **TSCA 8(b) Inventory:** Paraffin wax **Canadian DSL/NDSL:** Paraffin wax **SARA List:** Not found **California Prop 65:** None of the chemicals in this product are listed.