

# Material Safety Data Sheet

VICTORIA'S DRIED FLOWER SEALANT

MSDS No. \_\_\_\_\_

Date of Preparation: May 5, 2003

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Victoria's Dried Flower Sealant  
**Chemical Formula:** N/A  
**CAS Number:** N/A  
**Other Designations:** Blend  
**General Use:** Dried Floral Preservative  
**Manufacturer:** Syndicate Sales, Inc., 2025 N. Wabash Street, Kokomo, IN 46903-0756, Phone (765) 457-7277

## Section 2 - Composition / Information on Hazardous Ingredients

Ingredient Name	Exposure Limits	CAS Number	% wt. or % vol.
Vinyl acetate	NIOSH REL: Ceiling Limit- 4 ppm	108-05-4	<5%
Diethyl phthalate	NIOSH REL: 5 mg/m <sup>3</sup>	84-66-2	<5%

## Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

### Potential Health Effects

**Primary Entry Routes:** Inhalation, ingestion, skin, eye contact.  
**Target Organs:** Respiratory system, skin, eyes  
**Acute Effects:** Hoarseness, cough, loss of smell, eye burns, skin blisters, nasal discharge, respiratory irritation.  
**Inhalation:** Irritation eyes, nose, throat.  
**Eye:** Irritation, redness.  
**Skin:** Irritation, redness.  
**Ingestion:** Drowsiness, headache, abdominal discomfort, nausea, vomiting, diarrhea.  
**Carcinogenicity:** N/R.  
**Chronic Effects from Long-Term Exposure:** N/D

HMIS	
H	1
F	1
R	0

## Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air.  
**Eye Contact:** Irrigate immediately, rinse for several minutes. Consult a physician.  
**Skin Contact:** Wash with soap and water thoroughly, remove contaminated clothing.  
**Ingestion:** Do not induce vomiting. Drink plenty of water to dilute. Refer for medical attention.  
**Note to Physicians:** N/A  
**Special Precautions/Procedures:** N/A

## Section 5 - Fire-Fighting Measures

**Flash Point:** > 210 degrees F.  
**Flash Point Method:** Pensky-Martens Closed-Cup  
**Burning Rate:** N/D  
**Autoignition Temperature:** N/D  
**LEL:** N/A  
**UEL:** N/A  
**Flammability Classification:** N/D  
**Extinguishing Media:** Powder, alcohol resistant foam or carbon dioxide.  
**Unusual Fire or Explosion Hazards:** N/D  
**Hazardous Combustion Products:** Irritating and toxic gases, silicon dioxide, carbon oxides, metal oxides, formaldehyde.  
**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.  
**Fire-Fighting Equipment:** Powder, alcohol resistant foam or carbon dioxide.

## Section 6 - Accidental Release Measures

**Spill/Leak Procedures:** Do not release into the environment (sewers, groundwater or waterways)

**Small Spills:** Collect spilled liquid in sealable container. Cover with soda ash or sodium bicarbonate to neutralize. Mix and add water if necessary. Remove to a safe place.

**Large Spills:** Follow recommendations for small spills. Do not release into the environment.

**Containment:** Remove to a safe place away from food storage and where children play until disposed properly.

**Cleanup:** Dispose of spill residue properly.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.1200), EPA Regulations (40 CFR 355), applicable state regulations.

### Section 7 - Handling and Storage

**Handling Precautions:** Avoid contact with skin and eyes.

**Storage Requirements:** Do not store near food area or where children play.

**Regulatory Requirements:** N/D

### Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**

**Ventilation:** Use in well ventilated area.

**Administrative Controls:** N/A

**Respiratory Protection:** No respiratory equipment is needed during normal usage.

**Protective Clothing/Equipment:** Chemically protective gloves, safety glasses.

**Safety Stations:** N/A

**Contaminated Equipment:** N/A

**Comments:** N/A

### Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance and Odor:** Mild odor

**Odor Threshold:** N/D

**Vapor Pressure:** N/D

**Vapor Density (Air=1):** N/D

**Formula Weight:** N/A

**Density:** 1.04gm./ml.

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** N/D

**Flashpoint:** greater than 210 degrees F.

**Water Solubility:** Soluble

**Other Solubilities:** N/D

**Boiling Point:** N/D

**Freezing/Melting Point:**  
N/D

**Viscosity:** N/A

**Refractive Index:** N/D

**Surface Tension:** N/D

**% Volatile:** 93.8%

**Evaporation Rate:** N/D

**10% pH:** 3.84

**Total Solids:** 6.12%

### Section 10 - Stability and Reactivity

**Stability:** Stable at temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Heating could cause polymerization.

**Chemical Incompatibilities:** Reacts with oxidants, bases

**Conditions to Avoid:** Store in closed containers away from oxidants, bases.

**Hazardous Decomposition Products:** Thermal decomposition may produce Acetic acid & Acrolein, various hydrocarbons, oxides of carbon.

### Section 11 - Toxicological Information

#### Registry of Toxic Effects of Chemical Substances (RTECS) Toxicity Data:

**Eye:** No human data (N/D)

**Skin:** N/D

**Ingestion:** N/D

**Inhalation:** N/D

**Acute Inhalation Effects:** N/D

**Acute Oral Effects:** N/D

**Chronic Effects:** N/D

**Carcinogenicity:** N/D

**"Tumorigen"**-Animal studies

**Mutagenicity** "Mutagen"-human studies

**Teratogenicity:** "Reproductive Effector"- animal studies

**"Primary Irritant"**

### Section 12 - Ecological Information

**Ecotoxicity:** Toxic to aquatic organisms

**Environmental Fate:** N/D

**Environmental Degradation:** N/D

**Soil Absorption/Mobility:** N/D

**Section 13 - Disposal Considerations**

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

**Disposal Regulatory Requirements:** N/D

**Container Cleaning and Disposal:** N/D

**Section 14 - Transport Information****DOT Transportation Data (49 CFR 172.101):**

<b>Shipping Name:</b> Corrosive liquids, NOS	<b>Packaging Authorizations</b>	<b>Quantity Limitations</b>
<b>Shipping Symbols:</b> 154	a) <b>Exceptions:</b> 49 CFR 173.154	a) <b>Passenger, Aircraft, or Railcar:</b> 5 L
<b>Hazard Class:</b> 8	b) <b>Non-bulk Packaging:</b> 49 CFR 173.203	b) <b>Cargo Aircraft Only:</b> 60 L
<b>ID No.:</b> UN1760	c) <b>Bulk Packaging:</b> 49 CFR 173.241	<b>Vessel Stowage Requirements</b>
<b>Packing Group:</b> III		a) <b>Vessel Stowage:</b> A
<b>Label:</b> 8	Labeling not required, unless shipped by aircraft, or exceeding 66 lbs.	b) <b>Other:</b> 40
<b>Special Provisions(172.102):</b> T7		

**Section 15 - Regulatory Information****EPA Regulations:**

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261.20): Non-Hazardous

CERCLA Hazardous Substance (40 CFR 302.4) Vinyl Acetate, Diethyl Phthalate

CERCLA Reportable Quantity (RQ): 5,000 pounds (Vinyl Acetate), 1,000 pounds (Diethyl Phthalate)

SARA 311/312 Codes: Vinyl Acetate

SARA Toxic Chemical (40 CFR 372.65): Vinyl Acetate

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Vinyl Acetate

TSCA Reporting Status: Exempt

**Carcinogen:** Not classified.

**OSHA Regulations:** None

**IARC Rating 2B**

**State Regulations:** Florida: Both vinyl acetate and diethyl phthalate are considered toxic substances by the state of Florida.

Massachusetts: Vinyl Acetate – ACGIH chemical, NFPA 325M (Flammable Substances), NFPA 49 (Hazardous Substance),

Extraordinarily Hazardous Substance, EPA Extremely Hazardous Substance, CERCLA Hazardous Substance, TRI Chemical

Diethyl Phthalate: ACGIH Chemical, CERCLA Hazardous Substance, TRI Chemical

Minnesota: This product contains both ACGIH and NIOSH listed chemicals. Minnesota also considers vinyl acetate to be a

carcinogen.

Pennsylvania: Environmental Hazard - Vinyl acetate and diethyl phthalate

New Jersey: Extraordinarily Hazardous Substance – EPA Threshold 15,000 lbs (Vinyl acetate)

New Jersey: Right To Know (RTK) Hazardous Substance: Vinyl Acetate, Diethyl Phthalate.

New York: RQ (Air) 5000 lbs. / RQ (Land) 1 lbs. (Vinyl acetate), RQ (Air) 1000 lbs. / RQ (Land) 1 lb. (Diethyl Phthalate)

Washington: TWA 5 mg/m<sup>3</sup> (Diethyl Phthalate)

**Section 16 - Other Information**

**Prepared By:** Mary Dunlap and Mack Overton

**Revision Notes:** May 5, 2003

**Additional Hazard Rating Systems:** N/A

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