



**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form), Form Approved  
OMB No. 1218-0072

**Section 1: Production Information**

**MSDS Name:** Floralife® Clear Crowning Glory® Solution  
**Identity:** #3730 / 3740

**Date Prepared:** June 30, 2008  
**Company Identification:** Crown Research and Chemical Corporation  
P.O. Box 12488  
San Antonio, Texas 78212

**Manufacturer's Name:** Floralife, Inc.  
751 Thunderbolt Drive  
Walterboro, SC 29488  
800-323-3689

**Emergency Number:** 843-217-7609

**Distributed by:** Smithers-Oasis North America  
919 Marvin Street  
Kent, OH 44240

**Phone Number:** 330-673-5831  
800-321-8286

For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident. Call CHEMTREC day or night.  
Domestic North America: 800-424-9300  
International Call: 703-527-3887 (collect calls accepted)

**Section II: Hazard Ingredients/Identity Information**

No hazardous ingredients known at this time.

**Section III: Physical / Chemical Characteristics**

**Boiling Point:** 212° F  
**Specific Gravity (H<sub>2</sub>O = 1):** >1  
**Vapor Pressure (17 mm Hg.):** 68° F  
**Melting Point:** 32° F  
**Vapor Density (AIR = 1):** <1

**Evaporation Rate**  
**(Butyl Acetate = 1):** <1

**Solubility in Water:** 100%

**pH:** 6 to 7

**Appearance and Odor:** Clear liquid with slight acrylic odor

#### **Section IV: Fire and Explosion Hazard Data**

**Flash Point (Method Used):** Will not burn

**Flammable Limits:** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** As appropriate for combustibles in the area.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and full protective gear

**Unusual Fire and Explosion Hazards:** Material can splatter above 100°C / 212°F. Polymer film can burn

#### **Section V: Reactivity Data**

**Stability:** **Stable** **Conditions to Avoid:** None known

**Incompatibility (Materials to Avoid):** *No known materials which are incompatible*

**Hazardous Decomposition or Byproducts:** Thermal decomposition may yield acrylic monomers

**Hazardous Polymerization:** N/A **Will Not Occur** **Conditions to Avoid:** N/A

#### **Section VI: Health Hazard Data**

**Route(s) of Entry:**

Inhalation:	Slight Irritation
Skin:	Slight Irritation
Ingestion:	Slight Irritation

**Health Hazards (Acute and Chronic):** Any exposure to skin, ingestion or inhalation can result in an acute irritation. No chronic affects are known.

Inhalation of vapor or mist can cause headache-nausea-irritation to nose and throat.

**Carcinogen:** NO

**NTP:** NO

**IARC Monographs:** NO

**OSHA Regulated:** NO

**Signs and Symptoms of Exposure:** slight skin irritation.

#### **Medical Conditions**

**Generally Aggravated by Exposure:** Watering of eyes, irritation of skin, headaches.

**Emergency and First Aid Procedures:** Wash thoroughly with fresh water for 15 min., if inhaled remove person to fresh air. If irritation persists, call physician.

## Section VII: Precautions for Safe Handling and Use

### Steps to Be Taken in Case Material is Released or Spilled:

Evacuate area; Floor may be slippery: use care to avoid falling. Contain large spills immediately with inert materials (e.g. sand, earth).

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Waste Disposal Method: Comply with Federal, State and Local regulations.** If approved, drain neutralized Product to waste treatment plant, or transfer to waste disposal contractor. N/A

**Precautions to be taken in Handling and Storing:** none required when handling under normal conditions. When storing, keep from freezing and temperatures above 120° F.

Use in ventilated areas only.

**Other Precautions:** keep container closed when not in use. Keep from heat and direct sunlight. Keep from freezing.

## Section VIII: Control Measures

**Respiratory Protection (Specify Type):** none required under normal conditions. Respiratory mask should be used during spraying or misting operations.

**Ventilation:** YES

**Local Exhaust:** Mechanical (General): YES

**Special:** Use in ventilated area

**Other:** N/A

**Protective Gloves:** None required. Gloves may provide protection from permeation.

**Eye Protection:** None required. Use chemical splash goggles

**Other Protective Clothing or Equipment:** Aprons may be used

**Work / Hygienic Practices:** Precautionary measures should always be taken when handling chemicals.