

## MATERIAL SAFETY DATA SHEET

**JudiKins, Inc.**  
17803 South Harvard Boulevard  
Gardena, California 90248

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**Phone:** (310) 515-1115

**Prepared by:** Rob Bostick

### SECTION I - PRODUCT IDENTIFICATION

Gel du Soleil™  
GP020 9ml dropper bottle and GP021 120ml amber bottle

**HEALTH** 1  
**FLAMMABILITY** 1  
**REACTIVITY** 1  
**PROTECTIVE** Gloves & Eye Protection

### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

COMPONENTS	CAS#	PERCENT	OSHA PEL	ACGIH TLV	LD50	LC50
Mercapto-ester	*	40-60%	NE	NE	NAv	NAv
Mercapto-ester	*	15-35%	NE	NE	NAv	NAv

NA = Not Applicable    NAv = Not Available    NE = Not Established

\* The specific chemical identity and concentration is being withheld from this data sheet as a Trade Secret. None of the ingredients are listed as carcinogens in NTP, IARC or OSHA or any state's list of chemicals known to cause reproductive toxicity.

### SECTION III - PHYSICAL/CHEMICAL PROPERTIES

**BOILING POINT:** N/A  
**SPECIFIC GRAVITY (H20=1):** 1.2  
**VAPOR DENSITY:** <0.1 @ 20°C  
**EVAPORATION RATE:** <Butyl Acetate  
**V.O.C.:** < 0.1  
**SOLUBILITY IN WATER:** None  
**APPEARANCE AND ODOR:** Clear liquid; sulfurous odor.

#### **SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 175°C/350°F

**METHOD USED:** open cup

**FLAMMABILITY:** No

**LOWER:** N/A      **UPPER:** N/A

**EXTINGUISHING MEDIA:** Carbon dioxide, foam or dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and full protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** Could generate carbon monoxide and hydrogen sulfide. A small amount of HCN will be generated at incomplete combustion.

#### **SECTION V - REACTIVITY DATA**

**STABILITY:** Stable      **CONDITIONS TO AVOID:** None known

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur

#### **SECTION VI - HEALTH HAZARD DATA**

**CARCINOGENICITY:** No

**ACUTE:** May cause dermatitis, shortness of breath, fainting, headaches and nausea.

**CHRONIC:** Repeated or prolonged skin contact may cause sensitization.

**EXPOSURE LIMITS:** None established for mixture.

**LD50 (Mixture):** No data for mixture

**LC50 (Mixture):** No data for mixture

**CARCINOGENICITY:** No

**TERATOGENICITY:** No

**REPRODUCTIVE TOXICITY:** No

**MUTAGENICITY:** No

**IRRITANCY OF PRODUCTS:** Moderate eye and skin irritant. Inhalation of vapors or mists may cause irritation of the respiratory tract.

**SENSITIZATION TO PRODUCT:** Can cause an allergic reaction.

**SYNERGISTIC PRODUCTS:** The use of certain alcohols in conjunction with this product can increase the risk of skin irritation and/or sensitization as they remove the protective oils on the skin.

#### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** If the material gets in the eyes, immediately wash the eyes with copious amounts of water, occasionally lifting the lower and upper eyelids.

Continue for 15 minutes. Get medical attention immediately.

**SKIN CONTACT:** If the material gets on the skin, immediately wash the area with soap and water and flush with water. If the material gets on clothing, remove the clothing and wash the affected area with soap and water. If irritation develops, get medical attention. Discard or wash contaminated clothing before reuse.

**INHALATION:** If overcome by vapors or fumes, remove to fresh air. Get medical attention if symptoms persist.

**INGESTION:** If the material has been swallowed, dilute with milk or water if the victim is alert. See doctor as soon as possible.

## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Contain material with absorbents. Place in container for disposal. Clean up with soap and water and flush area with water.

**WASTE DISPOSAL METHOD:** Material may be cured solid by exposure to Ultra Violet light. Cured material may be disposed of in landfill. Comply with all regulations.

**STORAGE REQUIREMENTS:** Store at 5-25°C. Keep away from sunlight.

## **SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Not required under normal operating conditions. Respiratory protection may be needed under certain conditions where significant exposure to fumes or mists may occur. An air purifying respirator equipped with organic vapor cartridges is recommended. Selection and use must comply with any existing federal standards for respiratory protection.

**VENTILATION:** Use local and mechanical exhaust to minimize exposure to vapors or mists.

**PROTECTIVE GLOVES:** Nitrile or butyl rubber Gloves.

**CLOTHING:** Cover arms and legs.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety glasses (with side shields) or goggles are recommended

**WORK/HYGIENIC PRACTICES:** Products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid skin contact and wash after use.

## **SECTION IX - ADDITIONAL PRECAUTIONS AND INFORMATION**

### **DISCLAIMER**

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