

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** VEROLIGHT POWDER BLEACH

**MANUFACTURER'S NAME:**  
JOICO LABORATORIES, INC.

**EMERGENCY #:** (300) 584-8038 - 24 hours

**INFORMATION #:** (203) 656-7859 (8:30 am- 5:00 pm)

**ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE):**

100 TOKENEKE ROAD,  
DARIEN, CT 06820

**PREPARED:** 06/21/06

**CURRENT MSDS UPDATE:**

## SECTION 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL NAME(S)	CAS NUMBER	TLV-TWA	PEL	OTHER LIMITS RECOMMENDED
Ammonium Persulfate	7727-54-0			
Potassium Persulfate	7727-54-0			
Silica	7631-86-9	10 mg/m <sup>3</sup>	6mg/m <sup>3</sup>	
Sodium Stearate	822-16-2	10 mg/m <sup>3</sup>		

## SECTION 3. HAZARDS IDENTIFICATION

**Physical/chemical hazards:** The data available do not support any physical or chemical hazard.  
**Human health hazards:** The data available do not support any adverse human health hazard.  
**Environmental hazards:** The data available do not support any environmental hazard.

## SECTION 4. FIRST-AID MEASURES

**Skin Contact:** SKIN IRRITANT.

**Eye Contact:** EYE IRRITANT. IRRITATING TO THE MUCOUS MEMBRANE OF THE EYES. WHEN THE POWDER IS MIXED WITH HYDROGEN PEROXIDE, THE MIXTURE MAY CAUSE SEVERE IRRITATION AND POSSIBLE PERMANENT EYE INJURY.

**Inhalation:** RESPIRATORY SYSTEM IRRITANT. IRRITATING TO THE MUCOUS MEMBRANE OF THE RESPIRATORY SYSTEM. MAY TRIGGER ASTHMATIC ATTACK IN SENSITIVE INDIVIDUALS.

**Ingestion:** MODERATELY TOXIC.

**Medical Conditions Generally Aggravated by Exposure:** WILL BE RELATED TO THE PRIMARY TOXIC (PHARMACOLOGIC) EFFECT OF THIS MATERIAL; PRE-EXISTING DERMATITIS WOULD LIKELY BE MADE WORSE BY A SKIN IRRITANT, BRONCHITIS IS AGGRAVATED BY

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IRRITANT GASES OR PARTICLES IN THE AIR. ASTHMATIC ATTACKS MAY BE TRIGGERED IN SENSITIVE INDIVIDUALS.

### **First-aid measures**

**Inhalation:** For any signs of breathing difficulty or shortness of breath, remove person to fresh air. Increase ventilation. Seek IMMEDIATE medical attention.

**Skin contact :** Wash skin immediately with soap and water (do not use solvents). Change into clean clothing if spilled on clothes. Should allergic reaction develop, consult dermatologist.

**Eye contact:** Remove contact lenses, if used. Flush with water for 15 minutes immediately. Get medical attention IMMEDIATELY.

### SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:** ABC ALL PURPOSE EXTINGUISHER, WATER, WATER FOG. EXCESS OF WATER OR WATER FOG SHOULD BE USED UNTIL IT STOPS SMOKING.

**Special Fire Fighting Procedures:** TREAT AS A STRONG OXIDIZING MATERIAL. DECOMPOSES TO OXYGEN WHICH MAY INTENSIFY FIRE IN COMBUSTIBLE SURROUNDINGS.

**Unusual Fire & Explosion Hazards:** CAUTION! OXIDIZERS! EXPLOSIVE HAZARD WHEN MIXED WITH FINELY POWDERED ORGANIC MATTER, METAL, POWDER, OR REDUCING AGENTS.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions :** Wear suitable protective clothing, gloves and eye/face protection.

**Spill or Leak Procedures:** SWEEP UP GENTLY (TO AVOID DUSTING) AND PLACE IN A CLEAN, DRY, WATER-TIGHT NON METALLIC CONTAINER FOR DISPOSAL. **DO NOT MIX WITH OTHER WASTE. CAUTION: MIXING BLEACH POWDER WITH ORGANIC MATERIALS SUCH AS PAPER, TOWELS, CLOTHING, PARTICULARLY IF IT IS DAMP, MUST NOT BE DONE.**

### SECTION 7. HANDLING AND STORAGE

KEEP IN COOL DRY AREA. AREA SHOULD BE CLEAN AND DRY. AVOID IMPACT, CONTAMINATION, AND REDUCING AGENTS SUCH AS WAVING LOTIONS. **DO NOT STORE BLEACH POWDER AFTER IT HAS BEEN MIXED WITH DEVELOPER OR HYDROGEN PEROXIDE SOLUTIONS. THE CONTAINER MAY RUPTURE. AVOID DAMP ORGANIC MATERIALS LIKE PAPER TOWELS, WOOD, CLOTHING, ETC. SPONTANEOUS COMBUSTION OF ORGANIC MATERIALS MAY RESULT. RESEAL PLASTIC BAG AND CANISTER TOP TIGHTLY. KEEP OUT OF REACH OF CHILDREN.**

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:** UNDER NORMAL CONDITIONS OF USE, NONE REQUIRED.

**Ventilation:** VENTILATION SHOULD BE ADEQUATE TO AVOID BUILD-UP OF IRRITATING CONCENTRATIONS.

**Protective Clothing:** RUBBER OR PLASTIC GLOVES SHOULD BE WORN TO AVOID SHIN IRRITATION.

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**Eye Protection:** NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

**Other Precautions:** READ AND FOLLOW ALL LABEL DIRECTIONS. USE ONLY AS DIRECTED.

**Storage and Handling:** KEEP IN COOL DRY AREA. AREA SHOULD BE CLEAN AND DRY.

AVOID IMPACT, CONTAMINATION, AND REDUCING AGENTS SUCH AS WAVING LOTIONS.

**DO NOT STORE BLEACH POWDER AFTER IT HAS BEEN MIXED WITH DEVELOPER OR HYDROGEN PEROXIDE SOLUTIONS. THE CONTAINER MAY RUPTURE. AVOID DAMP ORGANIC MATERIALS LIKE PAPER TOWELS, WOOD, CLOTHING, ETC. SPONTANEOUS COMBUSTION OF ORGANIC MATERIALS MAY RESULT. RESEAL PLASTIC BAG AND CANISTER TOP TIGHTLY. KEEP OUT OF REACH OF CHILDREN.**

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Free flowing powder with blue particles
<b>Color:</b>	White
<b>Odor:</b>	Characteristic odor
<b>Molecular weight:</b>	N/A
<b>Boiling point:</b>	N/A
<b>Melting point:</b>	N/A
<b>Density:</b>	N/A
<b>Vapour density (air=1):</b>	N/A
<b>Vapor pressure :</b>	N/A
<b>Specific gravity (H<sub>2</sub>O=1):</b>	N/A
<b>Solubility in water:</b>	Partly soluble
<b>Octanol/water partition:</b>	N/A
<b>Coefficient pH:</b>	N/A.
<b>Flash point:</b>	N/A
<b>Explosion properties :</b>	N/A.

### SECTION 10. STABILITY AND REACTIVITY

**Product Stability:** UNSTABLE.

**Conditions to Avoid:** HEAT, MOISTURE, AND REDUCING AGENTS, SUCH AS WAVING LOTIONS. AVOID IMPACT. DO NOT SUBJECT TO FRICTION. MAY BUILD STATIC ELECTRICAL CHARGES.

**Chemical Incompatibility:** ACIDS, ALKALIS, HALIDES, HEAVY METALS, AND COMBUSTIBLE MATERIALS. DO NOT USE METALLIC BOWLS OR STIRRERS.

**Hazardous Decomposition Products:** AMMONIA, OXYGEN, OZONE, AND FUMES OF SULFURIC ACID.

**Hazardous Polymerization:** WILL NOT OCCUR.

**Conditions to Avoid:** REDUCING MATERIALS, ORGANICS, AND HEAVY METALS.

### SECTION 11. TOXICOLOGICAL INFORMATION

**Toxicity:** Gleason Toxicity Rating: 3 (Gosselin, Hodge, Smith and Gleason) Moderately toxic if ingested.

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**Acute toxicity:** N/A

**Dermal:** Repeated exposure may cause skin dryness or cracking.

**Eye irritation:** May be irritating.

## SECTION 12. ECOLOGICAL INFORMATION

No ecological information is known on the product.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:** Disposal should be in accordance with all applicable Local, State and Federal Regulations.

**Other Precautions:** DO NOT GENERATE DUST WHEN TRANSFERRING AND HANDLING.

## SECTION 14. TRANSPORT INFORMATION

**DOT Information VEROLIGHT POWDER BLEACH:** OXIDIZING SUBSTANCES, SOLID, N.O.S., CLASS 5.1, UN 1479, PACKAGING GROUP III, OXIDIZER, (CONTAINS POTASSIUM PERSULFATE, AMMONIUM PERSULFATE)

## SECTION 15. REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)  
This Material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposition 65 at levels which would be subject to the proposition.

## SECTION 16. SUPPLIER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

**Abbreviations:**

Na (N/A): Not Available

UNK: Unknown

NE (N/E): Not Established

ND (N/D): Not Determined

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