

# MATERIAL SAFETY DATA SHEET

RA.043-00  
Issue date: 02/10/03  
Revision date:  
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## Identity (As Used on Label and List):

**JOICO VEROLIGHT POWDER BLEACH and VEROLIGHT PLUS**

### SECTION 1

### GENERAL INFORMATION

Trade Name: VEROLIGHT POWDER BLEACH and VEROLIGHT PLUS

Manufacturer's Name:

JOICO LABORATORIES, INC

Emergency Telephone #:

(800) 584-8038 - 24 hours

Address (Number, Street, City, State, & Zip Code):

488 E. SANTA CLARA STREET  
SUITE 301  
ARCADIA, CA 91746

Information Telephone #:

(203) 656-7859 – (Mon-Fri)  
(8:30 a.m. – 5:00 p.m. EST)

Prepared:

Current MSDS Update: 2/11/03

### SECTION 2

### HAZARDOUS INGREDIENTS / HAZARD DATA

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
AMMONIUM PERSULFATE*	7727-54-0			
HYDRATED SILICA**	122926-00-8	10mg/m3	6mg/m3	
POTASSIUM PERSULFATE**	7727-21-1			
SILICA*	7631-86-9	10mg/m3	6mg/m3	
SODIUM STEARATE*	822-16-2	10mg/m3		
SODIUM PERSULFATE***	7727-27-1			

\*Ingredients found in both Verolight Powder Bleach and Verolight Plus

\*\*Ingredients found in Verolight Powder Bleach only

\*\*\*Ingredients found in Verolight Plus only

### SECTION 3

### PHYSICAL DATA

Boiling Point @ 760 mm Hg: NA

Specific Gravity (H<sub>2</sub>O = 1): NA

Vapor Pressure mm Hg @ 20°C: NA

Melting Point @ 760 mm Hg: NA

Vapor Density (Air = 1): NA

Evaporation Rate (BuAc = 1): NA

Solubility in Water: SOME DISPERSIBILITY AND PARTLY SOLUBLE.

Appearance and Odor:

VEROLIGHT POWDER BLEACH-WHITE FREE FLOWING POWDER WITH BLUE PARTICLES AND CHARACTERISTIC ODOR.

VEROLIGHT PLUS-WHITE FREE FLOWING POWDER WITH CHARACTERISTIC ODOR.

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## SECTION 4

## FIRE AND EXPLOSION HAZARD DATA

**Flash Point °F (Test Method):** NA

**Autoignition Temperature:** NA

**Flammability Limits in Air (%V)**

**LEL** = NA

**UEL** = NA

**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.

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## SECTION 5

## REACTIVITY DATA

**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.

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## SECTION 6

## HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE

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

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## SECTION 7

## EMERGENCY AND FIRST AID PROCEDURES

**Skin:** RINSE IMMEDIATELY WITH LARGE AMOUNTS OF WATER. SHOULD REDNESS, BLISTERING OR AN ALLERGIC REACTION DEVELOP, CONSULT A PHYSICIAN.

**Eyes:** REMOVE CONTACT LENSES IF USED. FLUSH EYES WITH GENEROUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

**Inhalation:** REMOVE TO FRESH AIR. FOR ANY SIGNS OF BREATHING DIFFICULTY OR SHORTNESS OF BREATH SEEK IMMEDIATE MEDICAL ATTENTION.

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## SECTION 8

## ENVIRONMENTAL DATA

**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.**

**Waste Disposal Method:** ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

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

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## SECTION 9

## SPECIAL PROTECTION INFORMATION

**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.

**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.**

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## SECTION 10

## SHIPPING DATA

**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)

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

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## SECTION 11

## 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 themselves that it is suitable and complete for their particular use.

**ABBREVIATIONS**

NA: Not Available

DOT: Department of Transportation