

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Cinderella Sparkle & Shine**
PRODUCT CODE: 2184 P/N -5362
CHEMICAL FAMILY: SODIUM HYPOCHLORITE

VERSION 5
DATE 2/6/2004

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SECTION I

MANUFACTURES NAME: JCI JONES, INC.
DISTRIBUTED BY CUL-MAC INDUSTRIES INC.
ADDRESS: 3720 S. VENOY RD.
WAYNE, MI 48184
EMERGENCY PHONE: (800) 535-5053

SECTION II HAZARDOUS COMPONENTS

CHEMICAL	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Sodium Hypochlorite	12.5 - 15.6	7681-52-9	not applicable	not applicable
Sodium Hydroxide	0.1 - 2.0	1310-73-2	2mg/m3 (ceiling)	2mg/m3 (ceiling)

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	219° F	pH	12.5 - 13.5
FREEZING POINT	-11° F	SPECIFIC GRAVITY	1.218 @68° F for NaOCl by wt.
VAPOR PRESSURE (mm Hg)	n/a	PERCENT VOLATILE	Variable water plus products of decomposition
VAPOR DENSITY (AIR=1)	n/a	APPEARANCE	yellow-green liquid
SOLUBILITY IN WATER	COMPLETE	ODOR	chlorine
EVAPORATION RATE (BUTYL ACETATE =1)	>1		

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT N/A
EXTINGUISHING MEDIA Flood with water or CO2
SPECIAL PROCEDURES Use NIOSH approved respirator with acid type canister or use self-contained breathing apparatus.
UNUSUAL HAZARDS Material is a strong oxidizer. Contact with combustibles may initiate or promote combustion. Acid and heat accelerate decomposition. Decomposition products may include chlorine.

SECTION V REACTIVITY DATA

STABILITY Solutions are fairly stable in concentrations below 10%. Stability decreases with concentration, heat, light, exposure, decrease in pH, and contamination with heavy metals, such as nickel, cobalt, copper, and iron

HAZARDOUS POLYMERIZATION Will not occur

INCOMPATIBILITY (CONDITIONS TO AVOID) Acids, alcohols, amines, ammonia, chlorinated isocyanurates, combustibles, cyanides, detergents, ethers, hydrocarbons, oxidizing materials, reducing agents. Corrosive to most metals

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS Hypochlorous Acid (HOCl), chlorine, hydrochloric acid. Composition depends upon temperature and decrease in pH. Additional decomposition products, which depend upon pH, temperature and time, are sodium chloride, sodium chlorate and oxygen.

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SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY Skin, eyes, ingestion, inhalation

HEALTH HAZARDS (acute & chronic) **INHALATION:** Fumes from spills can cause severe irritation and chemical burns to the nose, throat and lungs. Very little hazard from properly stored solution. **SKIN CONTACT:** Severe irritant, reddening of skin, can cause chemical burns to skin. **EYES:** Severe irritant, corrosive, can severely burn eyes. **INGESTION:** Causes irritation of the mouth, throat, and stomach pain and possibly ulceration.

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: Move person to fresh air; if person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **SKIN:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15 - 20 minutes; call a poison control center or doctor for treatment advice. **EYES:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call for treatment advice. continue rinsing eye. Call for treatment advice. **INGESTION:** Call doctor or poison control center immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

SECTION VII PRECAUTIONS FOR SAFE HANDLING & USE

SPILL OR LEAK PROCEDURES: Cleanup personnel must wear proper protective equipment. Contain in diked area. Neutralize with sodium bisulfite or ferrous salt solutions. Place neutralized material in DOT specification approved container(s). Flush area with large amounts of water. Comply with all Federal State, and Local reporting requirements.

WASTE DISPOSAL METHOD: According to Federal, State, and Local regulations

SPECIAL PRECAUTIONS: This product is corrosive and may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or clothing. Wear goggles and face shield and chemical resistant gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION (specify): Use NIOSH approved respirator appropriate for this product when permissible exposure limits are exceeded.

VENTILATION: Local exhaust is recommended.

PROTECTIVE EQUIPMENT: Use chemical goggles and face shield. Use chemical resistant rubber, plastic, or neoprene gloves. Use chemical resistant splash apron and boots. Safety shower and eye wash fountain should be nearby.

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SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING

DANGER: This product is corrosive and may cause severe skin irritation or chemical burnsto broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles and face shield and chemical resistant gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

PROPER STORAGE AND DISPOSAL REQUIREMENTS

Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water.

Disposal for domestic use: Do not reuse container. Rinse thoroughly before discarding in trash. Disposal for all other uses: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

STORE IN AN UPRIGHT POSITION

OTHER PRECAUTIONS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

DISCLAIMER

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