

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

BCE CLEANING SYSTEMS LLC
300 Park Avenue Street
Calhoun, Georgia 30701
Inquiry Phone: (800) 850-8623
Emergency Phone (800) 535-5053
Prepared on 1/4/93

PRODUCT NAME: POWDER BRIGHT
PRODUCT CODE: BC 454 powder conc.

NFPA hazard codes:		NFPA acute hazard rating:	
0 = Least	3 = High	Health: 1	
1 = Slight	4 = Extreme	Flammability: 0	
2 = Moderate		Reactivity: 0	

SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances fit 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV/ PEL	LD50mg/kg	Other
2-Butoxyethanol	111-76-2	<6.00	N/A	1200	N/A
Sodium Metasilicate	6834-92-0	<80.00	N/A	250	N/A

Balance Non-Hazardous Ingredients: >20%

**Toxic Chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION 3 EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, holding eyelids open. Get medical attention.

SKIN CONTACT: Rinse thoroughly with water for at least 15 minutes. If symptoms persist, seek medical attention.

INHALATION: Remove individual to source of fresh air. If symptoms persist, get immediate medical attention.

INGESTION: Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.

SPECIAL INSTRUCTIONS FOR PHYSICIAN: None.

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Skin absorption.

ACUTE EFFECTS:

Eyes: May cause blurred vision, redness, watering, burning and blistering.

Skin: Prolonged contact can cause redness and irritation.

Inhalation: May cause irritation, coughing.

Ingestion: May cause burns, chest pain, nausea, and vomiting.

Chronic Effects: (Including Carcinogenic Potential) None known.

SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: General exhaust.

PERSONAL PROTECTION:

- Respirator type: None needed with adequate ventilation.
- Gloves: Natural rubber or Butyl gloves recommended.
- Eye Protection: Glasses with side shields.
- Other: Chemically resistant safety shoes.

SECTION 6 PHYSICAL DATA

Appearance/odor: Brown free flowing powder, solvent odor.	pH (full strength): 13.5
Physical state: Solid.	pH (1% solution): 11.5
Boiling Point: N/A	Solubility in water: Complete.
Freeze Point: N/A	Vapor pressure: N/A
Specific Gravity: (H2O = 1): N/A	Vapor density (air = 1): N/A
Percent Volatiles: N/A	Evaporation rate (water = 1): N/A

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SECTION 7 FIRE & EXPLOSION DATA

Flash point: None. Method Used: COC.
Flammable (Explosive) limits in air: N/A.
Auto Ignition Temperature: N/A.
Suitable Extinguishing Media: Media appropriate for surrounding fire.
Hazardous Combustion Bi-Products: N/A.
Recommended Fire-Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus.
Unusual Fire & Explosive Hazards: Dust can be an explosion hazard. Prevent build-up of dust on walls, floors, and equipment.

SECTION 8 REACTIVITY DATA

Thermal Stability: Stable.
Conditions to Avoid: Avoid Extreme Temperatures.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will Not Occur.
Incompatibility:
Material to Avoid: Strong Acids.
Corrosive Action on Material: None under normal use.

SECTION 9 STORAGE & HANDLING PRECAUTIONS

Warning: AVOID BREATHING DUST.
Storage: Store in a cool, dry place. Keep container stored when not in use. KEEP OUT OF THE REACH OF CHILDREN.
Handling: It is always a good practice to wear rubber gloves, rubber boots, rubber apron and splash goggles when using any cleaning compound. Keep heat, lights, fire, and sparks away. This container is hazardous when emptied. Since emptied container contains product residues, all labeling hazard precautions must be observed.
Precautionary Labeling: None.

SECTION 10 ENVIRONMENTAL PROCEDURES

Spill or Leak Procedures:
Spill/Leak: Mop up or absorb excess. Neutralize with an acid. Rinse to drain.
Spill Reportable Quantity: None.
Waste Disposal Method (Including Clean-Up Media): Package, store, transport, and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations.
EPA or appropriate waste classification: Non-RCRA Regulated Waste.
Procedures for handling empty containers: Rinse thoroughly and return to supplier.
Environmental Toxicity Data: Biodegradable.
Other regulatory controls:
Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:
Toxic Pollutant (Section 307)? No.
Hazardous Substance (Section 311)? No.
If yes. reportable quantity (R.Q.). N/A.

SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO
Proper shipping name: DISODIUM TRIOXOSILICATE PENTAHYDRATE
Hazard class: 8
Identification number: UN-3253
Packing Group: III

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PREPARED: 1/4/93

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