

MATERIAL SAFETY DATA SHEET: SOLBRITE LAUNDRY DETERGENT MSDS# 201007SB
CENTRAZ INDUSTRIES, INC. 4051 BINGHAM AVENUE ST. LOUIS, MO 63116-3506
ORIGINAL DATE: LATEST UPDATE: 07/26/00

MATERIAL SAFETY DATA SHEET

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PRODUCT IDENTIFICATION:

PRODUCT NAME: SOLBRITE LAUNDRY DETERGENT WITH BORAX\NON-PHOSPHATE

MSDS CODE NUMBER: 201007SB

LATEST UPDATE: 07/26/00

CONTACT: Dennis Miller

FORMULA: Proprietary

S.A.R.A. INFORMATION:

HAZARDS: Fire: Pressure: Reactivity: Acute: Chronic:

PHYSICAL DATA: Mixture: Y Pure: Solid: Y Liquid: N Gas: N

SECTION I: HAZARDOUS INGREDIENTS

MATERIAL	% BY WEIGHT	CAS #
Sodium Carbonate		

Sodium Metasilicate

NUISANCE PARTICULATES \

OSHA PEL ACGIH TLV STEL

Nuisance dust particulates
only.

Can cause severe eye/skin
irritation.

PEL\TWA 8 Hr 15 mg/m3 Total Dust

PEL\TWA 8 Hr 5 mg/m3 Respirable Dust

TLV\TWA 8 Hr 10 mg/m3 Total Dust

SECTION II: HEALTH HAZARDS

TLV (Threshold Limit Value): See Section I

EYES: Can cause severe eye irritation. SKIN: Direct contact with product or its solutions may cause skin irritation and in severe cases skin burns. People who have a tendency to be allergic may react more readily to this product than most.

INHALATION: Airborne concentrations of dust or mist may cause nasal irritation.

INGESTION: Corrosive to tissue, causes immediate irritation and possible damage to the tissue of mouth, throat, esophagus or stomach. Can cause perforation of the esophagus or stomach. Ingestion of large amounts may cause vomiting, diarrhea, circulatory collapse and in acute cases death.

SECTION III: FIRST AID

EYES: Flush eyes immediately and thoroughly for at least 15 minutes, lifting upper and lower lids periodically to ensure flushing of entire surface. Call a physician if irritation persists.

SKIN: Flush area immediately with water. Follow with washing of soap and water. Remove contaminated clothing and shoes, laundry clothing before reuse. If irritation persists, call a physician.

INHALATION: Remove person to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if breathing has stopped. Get medical attention.

INGESTION: DO NOT induce vomiting. Give large quantities of water to cause dilution in stomach. Get medical attention, immediately. Do not attempt to neutralize with other chemicals.

SECTION IV: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Under normal use conditions, none should be necessary.

VENTILATION REQUIRED: Local exhaust ventilation where mist, dust or spray may be generated.

PROTECTIVE CLOTHING: EYES: Chemical safety glasses. Wearing contact lenses is not recommended. SKIN: Rubber gloves. Protective clothing to minimize skin contact. Standard work clothing and shoes.

ADDITIONAL PROTECTIVE MEASURES: Eye bath and safety shower.

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SECTION V: FIRE & EXPLOSION HAZARD DATA

FLASH POINT/FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA/SPECIAL FIRE FIGHTING PROCEDURES: As appropriate for materials in surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Protective clothing for skin and eye protection should be worn to protect against this highly alkaline product.

SECTION VI: PHYSICAL DATA

APPEARANCE & ODOR: White Free Flowing Powder/Lemon or Tide Fragrance

BOILING POINT: N/A

SPECIFIC GRAVITY (WATER=1): N/A

POUNDS PER GALLON: N/A

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/A

% VOLATILE BY VOLUME: N/A

SOLUBILITY IN WATER: Complete

pH: 10 +/- .5

SECTION VII: REACTIVITY DATA

PRODUCT IS: Stable

CONDITION TO AVOID: Keep containers closed to avoid caking.

INCOMPATIBILITY: Do not mix with acids.

HAZARDOUS DECOMPOSITION PRODUCTS/HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VIII: SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Sweep or shovel spilled material into marked containers for recovery or disposal. Neutralize spill area with dilute acid solution and flush with plenty of water. Before flushing residue and/or product into local sewer system, check pH of acceptable effluent water in accordance with local water treatment plant. WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION IX: D.O.T. SHIPPING INFORMATION FREIGHT CLASS: 55
NOT HAZARDOUS FOR SHIPPING.

SECTION X: ADDITIONAL INFORMATION

STORAGE AND HANDLING: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. Keep containers closed with not in use. Do not store in food areas. Use according to label directions. Avoid prolonged contact with eyes and skin. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Add to water before adding clothes.

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DATE ISSUED: 07/26/00 PREPARED BY: REGULATORY AFFAIRS

This supersedes any and all Material Safety Data Sheet issued prior to the above date. Please update your files with this most current sheet.