

MATERIAL SAFETY DATA SHEET

SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

IDENTITY (As Used On Label and List):

Soft 'N Brite Powdered Laundry Detergent

SYNONYMS: ST-51-ZB

FORMULA ID NUMBER: LP-30

EPA REG #: None

USDA ACCEPTANCE DATE/CATEGORY CODE: None

MFD. FOR: ZB SUPPLY COMPANY
 ADDRESS: 725 Fulton Street
 Ottawa, Illinois 61350
 PHONE: 1 (815) 434-5010
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HAZARD RATING		
0	Flammability	4 = Extreme
1	Health	3 = High
0	Reactivity	2 = Moderate
None	Special Hazard	1 = Slight
		0 = Insignificant

**For Transportation Emergency Involving Hazardous
 Materials Contact: CHEM-TEL 1 (800) 255-3924**

Shipping Information:

DOT SHIPPING NAME: Compound, cleaning, NOI, powder, Item 48581, Class 55

DOT SHIPPING NUMBER: None

HAZARD LABEL: None

HAZARD CLASS: None

SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY &

CAS#	HAZARD	OSHA PEL	ACGIH TLV	OTHER LIMITS	% (OPTIONAL)
▶ Sodium carbonate 497-19-8	Irritant				
▶ Sodium metasilicate pentahydrate 6834-92-0	Corrosive				
▶ Nonylphenol ethoxylate 127087-87-0	Irritant				

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: None; CAS#: N/A; WEIGHT % OF CHEM: N/A

SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	N/A	VAPOR PRESSURE (mm Hg):	N/A
SPECIFIC GRAVITY (WATER=1):	N/A	VAPOR DENSITY (AIR=1):	N/A
MELTING POINT:	N/A	EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	Complete	pH (CONCENTRATE):	Not Determined
APPEARANCE AND ODOR:	White crystals and granules Lemon scent	pH (1% SOLUTION):	Not Determined

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	N/A
EXTINGUISHING MEDIA:	Not Applicable
FLAMMABLE LIMITS:	LEL: Not Applicable UEL: Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Use full protective clothing and self-contained breathing apparatus.
FIRE & EXPLOSION HAZARDS:	None

SECTION V—REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY (MATERIALS TO AVOID):	None known
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Carbon dioxide gas
CONDITIONS TO AVOID:	Freezing and extremes of heat
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

HEALTH HAZARDS (ACUTE AND CHRONIC): Mildly alkaline, may cause burning to eyes and respiratory passages. Possible irritant to skin over prolonged periods of exposure. Solutions may burn skin or eyes. May cause blindness.

CARCINOGENICITY: NTP: No
IARC Monographs: No
OSHA Regulated: No

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities and other mucous membranes.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: If contact with eyes occurs, flush with plenty of cool water for 15 minutes. Consult a physician.
Skin: May be irritating to skin. If contact occurs, flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
Inhalation: Remove from exposure. Obtain medical attention immediately.
Ingestion: May be harmful if swallowed. If ingested, drink large amounts of water or milk. **DO NOT** induce vomiting. Get medical attention immediately. Avoid contamination of foods.
Note to Physician: No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient.

SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up for salvage or disposal. Wash down residue with water. Take care to avoid contact with large amounts of dust.

WASTE DISPOSAL METHOD: Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources. Wastewater should never enter a fresh water body without treatment.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust.

OTHER PRECAUTIONS: Always keep product out of the reach of children.

SECTION VIII—OTHER REGULATORY INFORMATION**SECTION IX—CONTROL MEASURES**

RESPIRATORY PROTECTION: In general, respirators are not needed if the product is used in a well-ventilated area.
VENTILATION: Local Exhaust: Recommended for control of dusts.
Mechanical (General): Recommended for control of dusts.
SKIN PROTECTION: Neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.
EYE PROTECTION: Splash goggles, or safety glasses if splashing is not a concern.
WORK/HYGIENIC PRACTICES: As good hygiene dictates.

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