

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Powdered Laundry Detergent
Synonyms: ST-777
Company: Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Fax: 608-246-5149

Formula ID Number: LP-13
MSDS File Name: POWDERED LAUNDRY DET
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Compound cleaning, NOI,
powder. Item 48581, Class 55
USDA Acceptance Date & Category Code: None

Emergency Contact: CHEM-TEL, 800-255-3924

Concentrate		In Dilution	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	Flammability	0	
2	Health	1	
0	Reactivity	0	
None	Special Hazard	None	

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Sodium carbonate	497-19-8	Irritant			
Sodium metasilicate pentahydrate	6834-92-0	Corrosive			
Nonylphenol ethoxylate	127087-87-0	Irritant			
Sodium aluminosilicate (this product is a mixture under TSCA)	68989-22-0 (mixture)	Irritant			
SARA Section 313 Title III Notification Required: No					

SECTION 3 – PHYSICAL DATA

Appearance and Odor: White and yellow crystals and granules, lemon scent	Solubility in water: Complete Boiling Point: N.D. Melting Point: N.A.	Vapor Pressure (mm Hg): N.D. Vapor Density (Air=1): N.D. Evaporation Rate (Water=0.3): N.D.	pH (Concentrate): N.D. pH (1% Solution): 11.0 Specific Gravity: N.A.
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Extinguishing Media: N.A.
Flammable Limits: LEL: N.A. UEL: N.A.	Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus. Unusual Fire & Explosion Hazards: None

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <u>X</u> Unstable: _____	Hazardous Polymerization: May Occur _____ Will Not Occur <u>X</u>
Conditions to Avoid: Freezing and extreme heat.	Conditions to Avoid: None known
Incompatibility (Materials to Avoid): None known	Hazardous Decomposition or By-Products: Carbon dioxide

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Mildly alkaline; may cause burning to eyes, skin, and respiratory passages. Possible irritant to skin over prolonged periods of exposure. May cause blindness.	<u>Emergency and First Aid Procedures:</u> Eyes: If contact occurs, flush with plenty of cool water for at least 15 minutes. Consult a physician. Skin: May be irritating to skin. 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. Drink large amounts of water or milk. DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods.
Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.	
Medical Conditions Aggravated by Exposure: Dermatitis Carcinogenicity: IARC Monographs? Yes _____ No <u>X</u> NTP? Yes _____ No <u>X</u> OSHA Regulated? Yes _____ No <u>X</u>	

NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on physician's judgment in response to the patient's reaction.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts. Mechanical: Recommended for control of dusts.	Steps to be Taken if Material is Spilled or Released: Sweep up for salvage or disposal. Wash down residue with water. Take care to avoid contact with large amounts of dust.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.	Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.
Eye Protection: Avoid eye contact.	Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents.
Respirator Protection: In general, respirators are not needed if the product is used in a well-ventilated area	
Other Precautions: Keep out of the reach of children.	

SECTION 8 – OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 – No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.