

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Powdered Detergent/Disinfectant (Water Flakes®)
Synonyms: ST-794, ST-803
Company: Stearns Packaging Corporation
4200 Sycamore Ave. (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Fax: 608-246-5149
Website: www.stearnspkg.com

Formula ID Number: SP30
MSDS File Name: WF POWDERED DET DISINF
EPA Reg #: 1839-93-3640
DOT Hazard Class: None
DOT Shipping Name: Disinfectant, NOI, powder.
Item 57100, Sub. 3, Class 85
NSF Certified: None

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

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

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 sulfate	7757-82-6				
Urea	57-13-6	Irritant			
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	Corrosive			7.95%
Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	Corrosive			7.95%
Linear primary alcohol ethoxylate	68131-39-5				
Sodium carbonate	497-19-8	Irritant			

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: White powder, lemon scent	Solubility in water: Complete Boiling Point: N.A. Melting Point: N.A.	Vapor Pressure (mm Hg): N.A. Vapor Density (Air=1): N.A. Evaporation Rate (Water=0.3): N.A.	pH (Concentrate): N.A. pH (Use Dilution): 9.0 Specific Gravity: N.A.
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F
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: ☒ Unstable: ☐
Hazardous Polymerization: May Occur ☐ Will Not Occur ☒

Conditions to Avoid: Freezing and extreme heat.
Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Combination with acids will give off carbon dioxide.
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 and respiratory passages. Possible irritant to skin over prolonged periods of exposure.
Emergency and First Aid Procedures:
Eyes: If contact occurs, flush with plenty of cool water for 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.

Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.

Medical Conditions Aggravated by Exposure: N.D.

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.

Carcinogenicity: IARC Monographs? Yes ☐ No ☒

NTP? Yes ☐ No ☒ OSHA Regulated? Yes ☐ No ☒

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. 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. Avoid contact with dust.

Respiratory 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.