

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Bug Blitzer®  
(Water Flakes®)  
Synonyms: ST-798, ST-799, ST-904  
Company: Stearns Packaging Corporation  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216  
Phone: 800-655-5008  
Fax: 608-246-5149  
Website: www.stearnspkg.com

Formula ID Number: WP10  
MSDS File Name: WF BUG BLITZER  
EPA Reg #: None  
DOT Hazard Class: None  
DOT Shipping Name: Cleaning Compounds, NOI,  
powder. Item 48581, Class 55  
NSF Certified: None

Concentrate		In Dilution		HAZARD RATING
1	Flammability	0	0	
2	Health	0	0	
0	Reactivity	0	0	
None	Special Hazard	None	None	

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

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

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 dodecylbenzene sulfonate	25155-30-0	Irritant			15 – 40
Citric acid	77-92-9	Irritant			7 – 13
Sodium carbonate	497-19-8	Irritant			5 – 10
Sodium bicarbonate	144-55-8	Irritant			5 – 10
Disodium metasilicate	6834-92-0	Corrosive			1 – 2

SARA Section 313 Title III Notification Required: No

## SECTION 3 – PHYSICAL DATA

Appearance and Odor: Blue granules and crystals, wintergreen scent  
Solubility in water: Easily soluble  
Boiling Point: N.A.  
Melting Point: N.D.  
Vapor Pressure (mm Hg): N.D.  
Vapor Density (Air=1): N.D.  
Evaporation Rate (Water=0.3): N.A.  
pH (Concentrate): N.D.  
pH (1% Solution): 7.5 – 8.5  
Relative density: 56.9 lbs/ft<sup>3</sup>

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F  
Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.  
Flammable Limits: LEL: N.A.  
UEL: N.A.  
Unusual Fire & Explosion Hazards: None  
Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire; do not use water jet.

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable:  Unstable: \_\_\_\_\_  
Conditions to Avoid: Freezing and extreme heat.  
Hazardous Polymerization: May Occur \_\_\_\_\_ Will Not Occur   
Incompatibility (Materials to Avoid): None known  
Hazardous Decomposition or By-Products: Under normal conditions of storage and use, hazardous decomposition by-products should not be produced.

## SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Irritation of eyes, skin, may cause respiratory irritation, irritating to mouth, throat and stomach.  
Signs and Symptoms of Exposure: Eyes: Adverse symptoms may include pain or irritation, watering, redness; Inhalation: adverse symptoms may include respiratory tract irritation, coughing; Skin: may include irritation, redness; Ingestion: irritating to mouth, throat, and stomach.  
Medical Conditions Aggravated by Exposure: No data available  
Carcinogenicity: IARC Monographs? Yes \_\_\_\_\_ No   
NTP? Yes \_\_\_\_\_ No  OSHA Regulated? Yes \_\_\_\_\_ No   
Emergency and First Aid Procedures:  
Eyes: 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.  
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 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts.  
Mechanical: Recommended for control of dusts.  
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves.  
Wear protective clothing to prevent repeated or prolonged contact.  
Eye Protection: Avoid eye contact.  
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area. However, a respirator is recommended when working with products where dusts and mists cause irritation of the eyes and/or mucous membranes.  
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.  
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.  
Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust.  
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.  
State regulations: Massachusetts, New Jersey, New York, Pennsylvania Right-to-Know laws: sodium dodecylbenzene sulfonate  
State Right-to-Know Top 5 Ingredients: sodium dodecylbenzene sulfonate, sodium sulfate, citric acid, sodium carbonate, sodium bicarbonate  
Toxicity: Calculated Oral LD50 3,573 mg/kg

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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.