



**WATER-SOLUBLE • PREMEASURED PACKETS • DISPENSER FREE
Packaged For Institutional and Industrial Use**

WHITE WINGS® ULTRA LAUNDRY DETERGENT

**WHITER WHITES AND BRIGHTER
COLORS.**

White Wings® Ultra Laundry Detergent is a powdered, low foaming, balanced blend of ingredients that assures brighter, cleaner clothes. It is designed for laundry use in institutional and industrial automatic washing equipment.

White Wings contains an enzyme system that removes microfibers to help restore fabric color, while making whites whiter and colors brighter. Plus, additional polymers are added to keep soil in suspension and away from clean clothes.

Stearns developed White Wings to be an environmentally responsible product. Its concentrated detergent is premeasured and packaged in 100% biodegradable water-soluble film that dissolves completely in water. No need to measure, pour or cut open packages. When properly used, the ingredients of White Wings are broken down into simple compounds, which helps eliminate the suds and foam problems in our lakes and streams. It is also formulated to contain no phosphorus. Just add one water-soluble packet to your laundry for fresh, clean, and bright clothes.

White Wings easily rinses from fabrics. It contains no lye or strong caustic components. It can handle your toughest laundry problems.

Directions

Begin to fill washer with water. Add 1-2 packets of White Wings Ultra Laundry Detergent. Use one packet per 16-20 lbs. of laundry. After packets have dissolved, add clothing. Allow machine to run through normal washing cycle.

For maximum performance, be sure the packet and powder are completely dissolved before adding clothes.

Ingredients

The primary ingredients in White Wings Ultra Laundry Detergent are sodium carbonate, nonionic detergents, sodium silicate, soil suspending agents, enzyme, and fragrance.

Packaging

ST-795 is packed 250x1.2 wt. oz. per pail, pail weight is 21 pounds.

ST-813 is packed 2x50x1.2 wt. oz. per case, case weight is 9 pounds.

Caution

Do not handle packets with wet hands. Do not remove packets from container prior to use. Humidity and water will destroy the packet integrity.

Recognized for
Safer Chemistry



ST-795

ST-813

Chemical Characteristics

Abrasive	no
Appearance.....	white powder
Biodegradable	yes
California Compliant.....	yes
Corrosive	no
EPA/Design for the Environment Recognized..	yes
Fragrance	lemon
Non-Acid	yes
Non-Butyl	yes
Non-Flammable	yes
Non-Toxic	yes
NSF Certified	B1
pH (1% solution).....	10.0-11.0
Phosphate-Free	yes
Sara 313 notification required.....	no
Solubility in water	complete
VOC Compliant.....	yes

795tek 3/09



STEARNS PACKAGING CORPORATION

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E-mail: stearns@stearnspkg.com • http://www.stearnspkg.com

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: White Wings® Ultra Laundry Detergent (Water Flakes®)
Synonyms: ST-795, ST-813
White Wings Ultra in Water Soluble Packets
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: LP13A
MSDS File Name: WF W WINGS ULT IN WS PKTS
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Compound, cleaning, NOI, powder. Item 48581, Class 55
NSF Certified: B1, 2/25/05
EPA/DfE Recognized: Yes

Concentrate		In Dilution		HAZARD RATING
0	Flammability	0	0	
1	Health	1	1	
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 chloride	7647-14-5	Irritant			
Sodium carbonate	497-19-8	Irritant			
Sodium aluminosilicate	1318-02-1	Irritant			
Blend of linear alcohol ethoxylates	68439-46-3 & 34398-01-1	Irritant			
Sodium metasilicate pentahydrate	6834-92-0	Corrosive			

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.D.
pH (1% Solution): 10.0-11.0
Specific Gravity: N.A.

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: Unstable: _____
Hazardous Polymerization: May Occur _____ Will Not Occur
Conditions to Avoid: Freezing and extreme heat.
Hazardous Decomposition or By-Products: Carbon dioxide
Incompatibility (Materials to Avoid): None known

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.
Emergency and First Aid Procedures:
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
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. 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.
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area.
Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents.
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.