

White Wings® Ultra Laundry Detergent



Whiter Whites and Brighter Colors
Convenient Water-Soluble Packets
Packaged for Institutional and Industrial Use

ST-No.	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/Pallet	Yield
ST-795	002198	002198	250 x 1.2 wt. oz. pail	20 pounds	60	250 Loads
ST-813	081308	813008	2 x 50 x 1.2 wt. oz. pail	9 pounds	119	100 Loads

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

Adjust water temperature, based on type of fabric. For white and colorfast fabrics, use hot water. For permanent press fabrics, use warm water. Best results are obtained with a cold water rinse. Do not place the water-soluble packet directly on the clothes.



STANDARD MACHINE: Begin to fill washer with water. Add 1-2 packets of White Wings® Ultra Laundry Detergent. When using cold water, make sure the packet and powder are completely dissolved before adding clothes. Use one packet per 16-20 lbs. of laundry.



HIGH EFFICIENCY (HE) MACHINE: Add one packet of White Wings® Ultra Laundry Detergent directly to the back of the drum. (Do not place in chemical dispensing unit.) Then, add clothes. Use one pack per 20-25 lbs. of laundry.

NOTE: This laundry detergent cleans all washable synthetics, colors, whites, cottons, and permanent press fabrics. Because of the heavy duty composition, it is not recommended for use on silks or wools. This detergent has a concentrated cleaning strength to remove ground-in dirt, stains, and dulling gray.

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

Ingredients

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

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.



UnoClean.com
1-888-226-2724

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER’S IDENTITY

Product Name:

Synonyms:

Company:

Phone:

Fax:

Website:

White Wings® *Ultra* Laundry Detergent (Water Flakes®)

ST-795, ST-813

White Wings Ultra in Water Soluble Packets

Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216

800-655-5008

608-246-5149

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: Cleaning Compounds, NOI, powder. Item 48581, Class 55

NSF Certified: B1, 2/25/05

EPA/DfE Recognized: Yes

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

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

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

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTITY	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			
Sodium metasilicate	6834-92-0	Corrosive			
Alcohols, ethoxylated	NJTSRN 489909-5562-PC	Irritant			
Alcohols, ethoxylated	NJTSRN 489909-5319-PC-L	Irritant			

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor:	Solubility in water: Complete	Vapor Pressure (mm Hg): N.A.	pH (Concentrate): N.D.
White powder,	Boiling Point: N.A.	Vapor Density (Air=1): N.A.	pH (1% Solution): 10.0-11.0
lemon scent	Melting Point: N.A.	Evaporation Rate (Water=0.3): N.A.	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: <u> X </u> Unstable: _____	Hazardous Polymerization: May Occur _____ Will Not Occur <u> X </u>
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:
Signs and Symptoms of Exposure: Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities, and other mucous membranes.	Eyes: If contact occurs, flush with plenty of cool water for at least 15 minutes. Consult a physician.
Medical Conditions Aggravated by Exposure: Dermatitis	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.
Carcinogenicity: IARC Monographs? Yes _____ No <u> X </u>	Inhalation: Remove from exposure. Obtain medical attention immediately.
NTP? Yes _____ No <u> X </u> OSHA Regulated? Yes _____ No <u> X </u>	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 physician’s judgment in response to the patient’s reaction.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: 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.
Mechanical: Recommended for control of dusts.	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.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves.	Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents.
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.	
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 - New Jersey: sodium aluminosilicate 1318-02-1

Toxicity: Calculated Oral LD50 2,894 mg/kg