

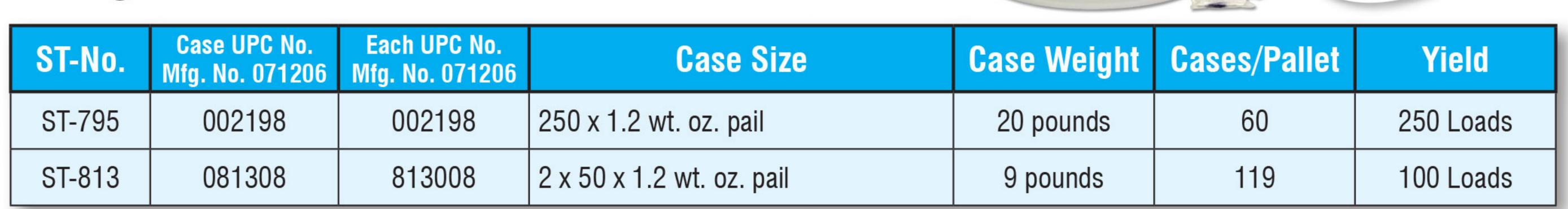


Recognized for Safer Chemistry www.epa.gov/dfe

FOT Standard & HE Machines

White Wings® Ultra Laundry Detergent

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



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.

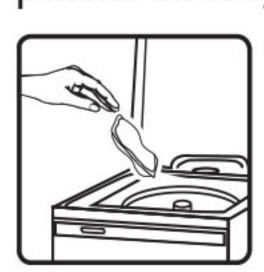
White Wings contains an enzyme system that removes microfibers to help restore fabric color, while making whites whiter and colors brighter. Plus, additional polymers are added to keep soil in suspension and away from clean clothes.

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 woolens. This detergent has a concentrated cleaning strength to remove ground-in dirt, stains, and dulling gray.

Chemical Characteristics

WATER FLAKES

Ultra Laundry Detergent

In Water-Soluble Packets

Ollolliloai Ollaraotorioti	00				
Abrasive	no				
Appearance	white powder				
Biodegradable	yes				
California Compliant					
Corrosive	no				
EPA/Design for the Environment Recognized yes					
Fragrance	lemon				
Non-Acid	yes				
Non-Butyl					
Non-Flammable					
Non-Toxic					
NSF Certified					
pH (1% solution)	10.0-11.0				
Phosphate-Free	yes				
Sara 313 notification required					
Solubility in water	complete				
VOC Compliant					
-					

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

MSDS File Name: WF W WINGS ULT IN WS PKTS

DOT Shipping Name: Cleaning Compounds, NOI,

powder. Item 48581, Class 55

Formula ID Number: LP13A

DOT Hazard Class: None

NSF Certified: B1, 2/25/05

EPA/DfE Recognized: Yes

EPA Reg #: None

White Wings® *Ultra* Laundry Product Name:

Detergent (Water Flakes®)

ST-795, ST-813 White Wings Ultra in Water Soluble

Packets

Stearns Packaging Corporation Company:

www.stearnspkg.com

4200 Sycamore Avenue (53714)

PO Box 3216

Madison, WI 53704-0216

800-655-5008 Phone: 608-246-5149 Fax:

Synonyms:

Website:

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

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

None

In Dilution

Flammability

Health

Reactivity

Special Hazard

Concentrate

None

HAZARD RATING

4 = Extreme

2 = Moderate

0 = Insignificant

3 = High

1 = Slight

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTITY	CAS NO.	<u>HAZARD</u>	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			
399					

SARA Section 313 Title III Notification Required: No.

SECTION 3 – PHYSICAL DATA

Solubility in water: Complete Vapor Pressure (mm Hg): N.A. pH (Concentrate): N.D. Appearance and Odor: 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.

LEL: N.A. Flammable Limits

UEL: N.A.

Extinguishing Media: 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: X Unstable: ____ Hazardous Polymerization: May Occur ____ Will Not Occur __X_

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.

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_ X__

NTP? Yes____No__X__ OSHA Regulated? Yes____ No__X__

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.

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.

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.

Other Precautions: Keep out of the reach of children.

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.

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.

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