

TIDAL WAVE product line

6% POWDERED BLEACH

Powdered Chlorine Bleach

Appearance White Powder
Odor Chlorine
pH (1% Soln.) 8.0-9.0
Solubility Complete

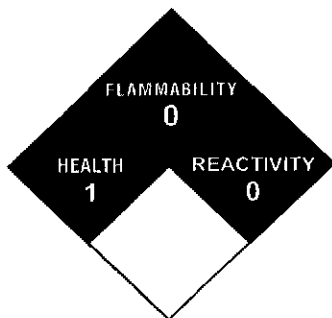


Biodegradable

USDA Approved

Manufactured to
ISO 9002
Specifications

NFPA 704 Hazard Rating:
4=Extreme, 3=High, 2=Moderate
1=Slight, 0=Minimal



Rating for this product:

Health 1 Slight
Fire 0 Will Not Burn
Reactivity ... 0 Stable

EMERGENCY: (800) 535-5053

24 Hour MSDS information

Other Useful Products:

	PROD
	CODE
Exalite Laundry	L3503
lemon-scented laundry detergent	
Stain X	L2301
grease & oil laundry prespotter	
Spot Out	B2506
enzyme laundry prespotter	

DESCRIPTION

- 6% POWDERED BLEACH is sodium-based for improved stability, solubility, and brightening over calcium-based dry bleaches in removing a wide range of stains. It is dustless and is authorized by USDA for use in federally inspected meat and poultry plants.
- It provides a steady, controlled release of chlorine that bleaches, not for just a few seconds, but throughout the entire cycle. When used with an appropriate wash formula it penetrates and dissolves grease, fat, egg, milk, lipstick, protein, blood, stains and food residues quickly and completely.
- 6% POWDERED BLEACH dissolves instantly and completely and works equally well in commercial and home laundry operations.
- Use it to brighten and destain all your chlorine-safe fabrics. It oxidizes and bleaches soil and stain in hard or soft water.
- Use 6% POWDERED BLEACH in all automatic laundry equipment. It is safe for colorfast cotton, linens, nylon, dacron, orlon and rayon. Do not use on wool, silk, acetate, or spandex.

DIRECTIONS

Concentrations will vary according to water hardness, soil load, water temperature, time and machine efficiency.

When using chlorine or color-safe (oxygen) bleach, add to the wash solution 3 to 5 minutes after the wash cycle begins.

Never apply undiluted bleach directly to fabric. Dispense bleach after fill water has entered the machine.

When used as directed, 6% POWDERED BLEACH is safe on cotton, linen, and synthetic fabrics. *It may damage natural silk, wool, or nylon.*

For best results, use after the "Break" and/or "Suds" operation at a temperature of 155° F, in a pH range of from 10.2 to 10.8 for 8 minutes. Do not rinse at temperatures over 155° F. Excessive volumes of iron in the water supply will accelerate bleaching action causing a loss of efficiency throughout the cycle and may deposit iron fabric.

Commercial & Home Laundry Machines:

Light Soil: 2 to 3 oz. per 100 lbs. of dry laundry
Medium Soil: 3 to 4 oz. per 100 lbs. of dry laundry
Heavy Soil: 4 to 6 oz. per 100 lbs. of dry laundry
Stains/Rework: 8 to 12 oz. per 100 lbs. of dry laundry

DIRECTIONS

Here are some reasons for graying:

Hard water causes graying. Cheaply formulated detergents do not contain adequate water softening agents. During the rinse, insoluble calcium and magnesium soaps are no longer suspended by the soap solution. These insoluble soaps are deposited on the load, carrying with them a small amount of insoluble dirt which causes graying.

Overloading resulting in insufficient sudsing and rinsing causes graying. Rinsing rate is appreciably reduced as well. For example, it took seven rinses to remove soap, builder, and dirt from a 25% overloaded wash. It took only four rinses to do the same job of a correctly loaded wash.

Souring too soon causes graying. If soap holding dirt in suspension is still present when sour is added, the soap will be converted into free fatty acid causing the dirt to come out of suspension and deposit on the fabric.

Insufficient sour to neutralize residual bicarbonate alkalinity causes graying and yellowing. For all laundry sour solutions, except acetic acid, a pH of 5.0 neutralizes 95 to 100% of residual alkalinity. Sour to a pH of 5.4 for acetic acid. Excessive sour causes odor in damp wash loads.

DANGER

Causes burns. Contains Chlorinated isocyanurate. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Use with adequate ventilation. Wash thoroughly after handling. Wear appropriate protective clothing when handling. Oxidizing material. Avoid contact with all other laundry or organic material. Under fire conditions or when mixed with organic material, poisonous chlorine fumes are released. Do not take internally. Keep water or moisture out of dry product in container.

KEEP CONTAINER CLOSED

FIRST AID

EYES: Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.

SKIN: Wash with water. If irritation persists, seek medical attention.

INGESTION: If swallowed, induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep airways clear. Seek medical attention.

KEEP OUT OF REACH OF CHILDREN

EXSL

FORMULAS THAT MEET THE CHALLENGE
janitorial • restaurant • laundry • auto • industrial
HAYWARD, CA 94544 • 510-324-4567

MATERIAL SAFETY DATA SHEET

EMERGENCY: (800) 535-5053

Product Name: 6% Powdered Bleach

Product Code: L3401

Proper Shipping Name: Not applicable. This is a non-regulated material.

Manufactured for: EXSL/Ultra Labs, Inc.

Effective Date: 11/30/04

Supersedes: 11/03/01

HAZARDOUS INGREDIENTS

	CAS#	PCNT%	TWA	STEL	SARA III	PROP 65	Carcinogen
Sodium Dichloro-s-triazinetriene	2893-78-9	7.00	None	None	No	No	No

PHYSICAL DATA

Boiling Point: Not Avail. **pH:** (1% Soln.) 8.0 – 9.0 **Viscosity:** Not App. **Vapor Pressure:** Not Avail.
Specific Gravity: Not Avail. **Evaporation Rate:** Not Avail. **Solubility:** Complete **Vapor Density:** Not Avail.
Appearance & Odor: White Granules, Chlorine Odor **Reactivity in Water:** None **Melting Point:** Not App. **Volatiles:** Not Avail.

FIRE & EXPLOSION DATA

Health: 1 ... Slight **NFPA 704 Hazard Rating**
Fire: 0 ... Will Not Burn **4 = Extreme, 3 = High, 2 = Moderate**
Reactivity: 0 ... Stable **1 = Slight, 0 = Minimal**
Flash Point: None (Cleveland Open Cup)
Flammability Levels (LEL/UEL): Not App.

Extinguishing Media: This product is not combustible. Use water spray, foam, carbon dioxide, or dry chemical.

Fire & Explosion Hazard: ... When dissolved in water, makes alkaline solutions that are irritating to skin and eyes.

Conditions to Avoid: Open flames, welding arcs or other high temperature sources that induce thermal decomposition, which produce toxic fumes.

REACTIVITY DATA

Materials to Avoid: Strong acids.

Stability: Stable

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

HEALTH HAZARDS

Eye Contact: Causes moderate to severe irritation. Prolonged and repeated contact can cause redness and tearing.

Skin Contact: May cause dryness with prolonged contact.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Spray or mist can be irritating to the upper respiratory tract.

FIRST AID

Eyes: Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.

Skin: Wash with water. If irritation persists, seek medical attention.

Ingestion: Never give anything to an unconscious person. If swallowed, induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep airways clear. Seek medical attention.

Inhalation: ... Move person to fresh air and away from exposure. If breathing is difficult, administer oxygen and seek medical attention. Give artificial respiration if victim is not breathing.

SPILL OR LEAK PROCEDURES

Steps to Contain:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leaks if you can do it without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (rubber boots and gloves). Contain spills with dry earth, sand or other non-combustible material and transfer to containers. Sweep up powder spills and transfer to containers. **DO NOT GET WATER INSIDE CONTAINERS.**

Recommended Waste Disposal Method:

The materials resulting from the clean up may be hazardous waste and, therefore, subject to specific regulations. Package, store, transport, and dispose all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations. Shipments of waste materials are subject to manifesting requirements per applicable regulations. Ensure that all responsible federal, state, and local agencies receive proper notification of spills and disposal methods.

SPECIAL PROTECTION & PRECAUTIONS

Respiratory: None under normal use conditions.

Eye: None under normal use conditions.

Storage: Keep in a cool, dry place.

Clothing: None under normal use conditions.

Comments: None under normal use conditions.

Handling: Do not stack or palletize over three high.

USER'S RESPONSIBILITY

It is the user's responsibility to provide a safe workplace. He or she should consider the health hazard and safety information contained herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

EXSL/Ultra Labs, Inc.
FORMULAS THAT MEET THE CHALLENGE
Janitorial • restaurant • laundry • auto • industrial
Hayward, CA
(510) 324-4567