

*KITCHEN KLEEN product line*

# SHINE & GLOW

## Commercial and Home Machine Dish Washing Powder

Appearance ..... White Powder  
Odor ..... Mild Chlorine  
pH (1% Soln.) ..... 11.0 - 12.0  
Solubility ..... 15%



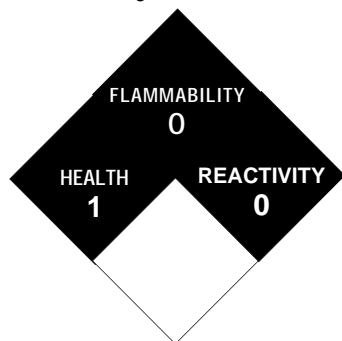
Biodegradable

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:

PRODUCT NAME	PROD CODE
Fluffy S .....	R3101
extra light powdered hand dish	
Blue Hand Dish .....	R3509
powdered dish, pot & pan detergent	
Stainless Steel Pre .....	P3000
powdered presoak for utensils	

### DESCRIPTION

- SHINE & GLOW contains alkaline builders, surfactants, water conditioning agents and stabilized powdered chlorine that provides top quality cleaning in home and commercial dish washing machines.
- Use it on dishes, china, glassware, plastic, pots, pans, and stainless steel flatware. "Approved for use in federally inspected meat and poultry plants."
- SHINE & GLOW is dustless and free-flowing. It dissolves quickly and completely and won't cake or harden in dispensers.
- Its combination of alkalis and chlorine provides controlled release of chlorine to bleach stains, penetrate and break down dried food residues, egg, grease, lipstick, coffee and tea so that they are more readily flushed away by the wash action of your machine.
- SHINE & GLOW works in hard water. It rinses completely and leaves no residue or spots.

### DIRECTIONS

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

For use in low temperature (140-160°F) machine dishwashers.

**Light soil and/or in soft water:** Use 1/8 cup per 10 gallons of hot (155 to 160° F) water. This provides 76 ppm of available chlorine.

**General soil load and/or hard water:** Use 1/2 cup per 10 gallons of hot (155 to 160° F) water. This provides 304 ppm of available chlorine.

**Extra heavy soils and/or extra hard water:** Use 3/4 cup per 10 gallons of hot (155 to 160° F) water. This provides 457 ppm of available chlorine.

### DIRECTIONS

Using a low temperature rinse aid (Low Temp Rinse or equivalent) will shorten drying time and assure spot and streak-free dishes and glasses.

#### A Word About Warewashing Costs

On average, only about 6% of the warewashing dollar is spent for warewashing detergents and dishroom environmental sanitation products. The big costs are labor, breakage and overhead. Yet the use of a more effective detergent, in addition to providing better results, reduces the major costs of labor and breakage by minimizing rejects and handling. Thus buying warewashing detergents on a price-per pound basis without considering usage cost is poor economy.

"Rejects" of knives, forks and spoons are notoriously high in many eating places. So before you wash, presoak the utensils in the right detergent. This forever eliminates the problem of dried-on soils and even removes tarnish or "blue haze" -- all in one step.

### DANGER

**MAY CAUSE BURNS - HARMFUL IF SWALLOWED. Contains sodium metasilicate.** Avoid contact with skin, eyes and mucous membranes. Do not ingest.

#### EMERGENCY FIRST AID PROCEDURES

**EYES:** Flush with water for 15 minutes then seek medical attention. Hold eyelids apart to ensure flushing of the entire area.

**SKIN:** Flood with water for 15 minutes. If irritation persists, seek medical attention.

**INGESTION:** Induce vomiting. Give large quantities of water. If vomiting occurs, keep airways clear and give fluids again. Seek medical attention.

**KEEP OUT OF REACH OF CHILDREN**

**EXSL**

FORMULAS THAT MEET THE CHALLENGE

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# MATERIAL SAFETY DATA SHEET

**EMERGENCY: (800) 535-5053**

**Product Name:** Shine 'n' Glow

**Manufactured by:** EXSL/Ultra Labs, Inc.

**Product Code:** R3401

**Effective Date:** 7/13/01

**Proper Shipping Name:** Corrosive solid, basic, inorganic, n.o.s. (containing sodium metasilicate), 8, UN3263, PG III, E.R.G. #154 **Supersedes:** 7/28/98

## HAZARDOUS INGREDIENTS

	CAS#	PCNT%	TWA	STEL	SARA III	PROP 65	Carcinogen
Sodium Metasilicate	6834-92-0	20.00	None	None	No	No	No

## PHYSICAL DATA

**Boiling Point:** Not Avail. **pH:** (1% Soln.) 11.0 – 12.0 **Viscosity:** Not App. **Vapor Pressure:** Not App.  
**Specific Gravity:** 65 #/ft<sup>3</sup> **Evaporation Rate:** Not App. **Solubility:** 15% **Vapor Density:** Not App.  
**Appearance & Odor:** White Powder, Mild Chlorine Odor **Reactivity in Water:** None **Melting Point:** Not Avail. **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:**... None.

**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.

**Hazardous Decomposition Products:** None

**Stability:** Stable

**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.

**Clothing:**..... None under normal use conditions.

**Eye:**..... None under normal use conditions.

**Comments:**... None under normal use conditions.

**Storage:**..... Keep in a cool, dry place.

**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.**

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