***HUISH detergents* MATERIAL SAFETY DATA SHEET**

Powdered Laundry Detergent

Section I - Product Information

Product Trade Name:	Powdered Laundry Detergent
CAS Number:	N/A, mixture
Manufacturer:	Huish Detergents, Inc. 3540 W. 1987 S. Salt Lake City, UT 84104
Effective Date:	January 2, 2007
Formula:	Compounded anionic and/or nonionic surfactants; with or without oxygen bleach, with or without enzymes.
DOT Shipping Name:	Not regulated
Label:	Not regulated
Emergency Telephone:	801-975-3194
General Information:	800-776-6702

Section II - Hazardous Ingredients

Ingredients	TLV	PEL	STEL	CAS No.
Sodium carbonate	n/a	n/a	n/a	497-19-8
Enzyme (if listed as an ingredient)				
Subtilisin	$6x10^{-5}$ mg/m^3	none	none	9014-01-1
Nonionic surfactant	n/a	n/a	n/a	9016-45-9
Sodium perborate	n/a	n/a	n/a	10332-33-9
Sodium Dodecylbenzene-sulfonate	n/a	n/a	n/a	25515-30-0

Section III - Physical Data

Boiling Point:	N/A
Freezing Point:	N/A
Specific Gravity (H_2O = 1):	0.33 - 1.02
Density, (lbs./gal.):	2.75 - 8.51
%Volatile:	5.5% max. (including water)
Evaporation Rate:	N/A
Solubility in Water:	25 grams / 100 ml of H_2O
pH (1% aqueous solution):	11.0
Appearance and Odor:	White granules (may contain blue specks); Perfumed or unscented

Section IV - Fire and Explosion Data

Flash Point:	N/A
Extinguishing Media:	Water, Foam, CO_2, or Dry Chemical
Fire Fighting Procedures:	Cool material with water.
Fire / Explosion Hazards:	None

Section V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	None known.
Incompatibilities:	None known.
Hazardous Decomposition:	None
Hazardous Polymerization:	None

Section VI - Toxicological & Health Hazard Data

LD50:	Not determined.
Threshold Limit Value:	Not determined.
Effects of Acute Exposure:	
Ingestion:	Irritation of membranes may occur.
Inhalation:	Prolonged exposure may produce headaches and mucous membrane irritation.
Skin Contact:	Direct contact may cause irritation.
Eye Contact:	Direct contact will cause irritation.
Effects of Chronic Exposure:	None determined.
Carcinogen Status:	Non-carcinogenic.

Emergency First Aid Procedures:

If swallowed:	DO NOT INDUCE VOMITING! Give one to two cups of water. Call physician.
Inhalation:	Remove to fresh air; consult a physician if symptoms persist.
Skin Contact:	Promptly flush with water. Remove contaminated clothing and shoes.
Eye Contact:	Promptly flush with large amounts of water for at least 15 minutes. Contact physician.

Section VII - Safe Handling and Storage

Store in cool, dry area.
Keep away from fire and heat.
Keep containers closed when not in use.
Provide adequate ventilation.
IN CASE OF RELEASE OR SPILL:
Stop spill at source and contain material. Place material in container for disposal in accordance with local, state and federal regulations. Small amounts may be dissolved and flushed to sewer.
RECOMMENDED WASTE DISPOSAL METHODS:
Large quantities should not be flushed into sewer system. Product does not meet the criteria of a hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with all regulations applicable to non-hazardous waste. Spill areas are slippery when wet. Foams profusely when hit with water stream.

SECTION VIII - CONTROL MEASURES AND PROTECTIVE EQUIPMENT

None required under normal use conditions. Goggles and rubber gloves may be worn for protection.

SECTION IX - REGULATORY INFORMATION

SARA Title III (Superfund Amendment and Reauthorization Act)
Section 302 - Extremely Hazardous Substances: None
Section 304 - Release Reporting:
Sodium dodecylbenzenesulfonate
Reportable Quantity: 1,000 lbs.
Section 311/312 - Material Safety Data Sheet Requirements:
None
Section 313 - Toxic Chemicals: None at or above *de minimus* concentrations.
California Prop 65: None

SECTION X - HAZARD RATING INFORMATION

HAZARD RATING

4 = Extreme	Health - 1
0 = Insignificant	Fire - 0
	Reactivity - 0

SECTION XI - USER'S RESPONSIBILITY

HUISH Detergents, Inc. cannot anticipate all conditions of handling and use of this product. Therefore, HUISH Detergents, Inc. accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.
It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. HUISH Detergents, Inc. will accept no liability for damages or loss incurred from the improper use or handling of this product.