

Material Safety Data Sheet
LRP Industries, Inc.
11531 Chairman Dr., Dallas, TX 75243
214-340-7708

Date: 01/12/11

PRODUCT DESCRIPTION: Powder/Liquid Detergent Kit

PRODUCT NAME Patriot

SECTION I Hazardous Ingredients

Ingredient:	OSHA PEL	ACGIH TLV	%
• Sodium Metasilicate Penta CAS# 6834-92-0	NA	NA	5

SECTION II Health Hazard Data

Health Hazard (Acute)

Eyes: Major potential hazard. Undiluted product in the eye can cause severe destruction and possible blindness. These effects can occur rapidly affecting all parts of the eye. Mist can cause irritation when product is used undiluted.

Skin: Major potential hazard. Prolonged skin contact with undiluted product can cause irritation and chemical burns that may not become apparent for several hours. Brief contact with undiluted product may cause slight reddening. More prolonged and widespread contact, as with chemical-saturated clothing, may cause itching, swelling and possible damage to the skin.

Inhalation: Vapors from undiluted product may cause irritation to the nose, throat, and respiratory tract. Inflammation, destruction of nasal passages and breathing difficulties can occur with prolonged overexposure of vapors or mist.

Ingestion: Ingestion of this product may result in burns of the mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur.

Health Hazard (Chronic)

Skin: The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

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SECTION II: (con't)

Inhalation: Prolonged and repeated overexposure may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

Signs and Symptoms of Exposure: Irritation as noted above. This product may not produce an immediate burning sensation upon skin contact, delaying the awareness of the person that contact has occurred.

Aggravated Medical Conditions: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

First Aid:

Eyes: Flush eyes immediately with large amounts of water (preferably with all eye wash fountain), lifting the upper and lower eyelids occasionally. Continue washing for a minimum of 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes under a safety shower. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Seek medical attention.

Ingestion: If person is conscious, give large quantities of water (preferably several glasses of milk if available). Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Seek medical attention.

SECTION III: Special Protection Information

Respiratory Protection: If exposure exceeds occupational exposure limits (see sec. I) use a NIOSH/MSHA approved respirator following manufacturer's recommendations where dust, mist or spray may be generated.

Ventilation Required: USE only with ventilation sufficient to prevent exceeding recommended exposure limit. Use corrosion-proof equipment.

Protective Clothing

Eyes: Use chemical resistant glasses or goggles

Skin: Use chemical resistant clothing to prevent undue bodily contact.

Additional Protective Measures: Eye wash and safety shower.

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SECTION IV: Fire & Explosion Hazard Data

Flash Point (Method Used Non-flammable

Flammable Limits (% Volume in Air) Non flammable

Upper Not applicable

Lower not applicable

Extinguishing Media: As appropriate for surrounding fire.

Special Fire Fighting Procedures: Fire fighters should wear a self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Protective clothing for skin and eye protection should be worn to protect against the alkaline properties of this product

SECTION V: Physical Data

Boiling Point: not available

Melting Point: not available

Specific Gravity (Water) = 1: 1.07

Vapor Pressure (mm Hg): not available

Vapor Density (Air= 1): not available

Evaporation Rate (Butyl Acetate= 1): not applicable

Solubility in Water (@ 77 deg. F. 7% by weight

Percent Volatile by Volume: Nil

PH: 1% Solution), 12.5

Appearance and Odor: WHITE POWDER and BLUE LIQUID---DETERGENT SPECIFIC ODOR

SECTION VI: Reactivity Data

Stability Stable

Incompatibility: Strong oxidizing materials and acids.

Hazardous Decomposition Products: Carbon monoxide and other unidentified organic compound may be formed during combustion.

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SECTION VI: (con't)

Hazardous Polymerization: Will not occur

SECTION VII: Spill and Leak Procedures

Steps to be Taken if Material released or Spilled: Collect large spills for disposal. Flush small spills with water

Waste Disposal Method: Recovered liquid or solids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility Follow all Federal, State and local regulations.

Precautions to be taken in Handling and Storage: Avoid contact with eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Other Precautions: Protect container from physical damage and store in a cool place transfer product into an unmarked container

SECTION VIII: D.O.T. Shipping Information:

Proper Shipping Name: Cleaning compound, Liquid, Nos

Hazard Class: None

ID Number: None

Label Requirements: None

SECTION IX: Section 313 Supplier Notification (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 4) CFR 372.

Chemical Name and CAS#

% BY WEIGHT

Data and information given in this document is accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to the use of this product, as this is beyond our control.

The health hazards given on this Material Safety Date Sheet apply to this product in it's' concentrate form (as supplied) and may differ significantly at use dilution levels. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure.