

MATERIAL SAFETY DATA SHEET

Patriot Chemical

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Date : 1/2/2008**Ref.No.:** 2723

Contact: Marybeth Walker

1. Product Identification:

PRODUCT NAME: FIREHOUSE DETERGENT**Synonyms or** WATER BASED CLEANER**Description:****HMIS CODES:** H F R C

1 0 0

2. Composition/Information on Ingredients:

Chemical Name	CAS#	Wt %.

Unless listed immediately above, the product contains no hazardous ingredients as listed on the Massachusetts Hazardous Substance List or under §1910.1200 of Title 29 of the Code of Federal Regulations.

3. Hazards Identification:

Emergency Overview

Caution - May cause irritation to skin and eyes.

INHALATION: Based on toxicity of similar compounds, exposure may irritate respiratory tract.

INGESTION: Compound should be handled as a potential health hazard.

SKIN CONTACT: May cause irritation. May be absorbed through skin.

EYE CONTACT: May cause irritation.

CHRONIC EXPOSURE: See Section 11 for additional information.

AGGRAVATION OF PRE-EXISTING CONDITIONS: None known.

4. First Aid Measures:

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures:

FIRE:

Flash Point: 141 - 200 F

Boiling Point: > 95 F

Flammable limits in air % by volume: Not established. Material can support combustion.

EXPLOSION: Containers may explode in heat or fire.

FIRE EXTINGUISHING MEDIA: Dry chemical, foam, water or carbon dioxide.

SPECIAL INFORMATION: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Move exposed containers from fire area, if it can be done without risk. Use water to keep fire-exposed containers cool.

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6. Accidental Release Measures:

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect material in an appropriate container. Liquids may be absorbed with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waster container. Do not use combustible materials such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse any vapors, to protect personnel attempting to stop leak and to flush spills away from exposures.

7. Handling and Storage:

Keep in a tightly closed original container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Product may be slippery if spilled. Containers of this material may be hazardous when empty since they retain product residues (dust, solids, liquids). Observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection:

Material Name	PEL (OSHA)	TWA (ACGIH)	TLV (ACGIH)

AIRBORNE EXPOSURE LIMITS: None established.

VENTILATION SYSTEM: No special measures required.

PERSONAL RESPIRATORS: No special measures required.

SKIN PROTECTION: No special measures required.

EYE PROTECTION: No special measures required.

9. Physical and Chemical Properties:

Appearance: Water white liquid unless dyed.

Odor: Faint distinct odor.

Solubility in Water: Completely soluble in water.

Specific Gravity: 1.01

pH: 7 - 8 (Conc)

Volatile (% V.O.C. by volume): 4.46

Melting Point: Not Known

Vapor Density (Air=1): Not Known

Vapor Pressure (mm Hg): Not Known

Evaporation Rate (BuAc=1): As water.

10. Stability and Reactivity:

STABILITY: Stable under ordinary conditions of use and storage.

HAZARDOUS DECOMPOSITION PRODUCTS: Not known.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid mixing with other chemicals unless reactivity is known.

CONDITIONS TO AVOID: No information found.

11. Toxicological Information:

NONE

12. Ecological Information:

Environmental Fate: Not established

Environmental Toxicity: Not available

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13. Disposal Considerations:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Large amounts should be given to a licensed disposal agency. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local regulations.

14. Transport Information:

D. O. T. Classification (Domestic, Land):
Class 55, Cleaning Compound, Non Hazardous

15. Regulatory Information:

Not Known

16. Other Information:

DISCLAIMER:

See the product label for use directions.

The information of this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the Label or in the Product Data Sheet is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communications Regulation and Massachusetts Right to Know Law.