

# **FORNEY INDUSTRIES**

## **Safety Data Sheet**

**75193**

### **1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Big Red Powder  
**Application:** Fleetwash Detergent  
**Supplier:** Forney Industries, Inc.  
2057 Vermont Drive  
Fort Collins, CO 80525  
Phone: 800-521-6038

**24 HR. EMERGENCY TELEPHONE NUMBER**  
**1-800-535-5053**

### **2. HAZARDS IDENTIFICATION**

#### **GHS CLASSIFICATIONS**

##### **Health:**

Skin Irritation, Category 2  
Serious Eye Damage, Category 1

##### **Environmental:**

Acute Hazards to the Aquatic Environment, Category 2

##### **Physical:**

#### **GHS LABEL**



**SIGNAL WORD:** Danger

#### **HAZARD STATEMENTS**

H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H402: Harmful to aquatic life.

#### **PRECAUTIONARY STATEMENTS**

##### **Response:**

P305+ P351+ P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to. Continue rinsing.

P310: Immediately call a poison center or doctor/physician.

P332+ P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

##### **Storage:**

P102: Keep out of reach of children.

P234: Keep only in original container.

##### **Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

#### **POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes severe eye irritation.

**SKIN:** Causes skin irritation.

**INGESTION:** May cause irritation of the mucous membranes.

**INHALATION:** Inhalation may cause irritation to mucous membranes.

**MEDICAL CONDITIONS AGGRAVATED:** None known.

### 3. COMPOSITION INFORMATION

NAME:	CAS#	CONTENT
Sodium Metasilicate Pentahydrate	6834-90-0	1% - 60%
Sodium Hydroxide	1310-73-2	

### 4. FIRST AID INFORMATION

**Acute Effects**      **Routes of Entry**      Not applicable

**Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention immediately!

**Eye Contact:** Flush eyes and under lids for 15 minutes. Remove contact lenses. Get medical attention if irritation occurs.

**Skin Contact:** Flush with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation occurs.

### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray or fog.

**SPECIAL FIRE-FIGHTING PROCEDURES:** May emit toxic fumes under fire conditions. Use NIOSH approved positive-pressure, self-contained apparatus.

**ADDITION FIRE SAFETY PROCEDURES:** Keep container tightly closed

### 6. ACCIDENTAL RELEASE MEASURES

Wear necessary protective gear. Do not walk through spilled material. Place in appropriate containers for disposal.

Do not flush material into ponds or waterways.

### 7. HANDLING AND STORAGE

**STORAGE CLASS:** Powder storage

**STORAGE PRECAUTIONS:** Store in tightly closed containers. Store in original container.

### 8. EXPOSURE AND PERSONAL PROTECTION

## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m3	ppm	mg/m3
Sodium Metasilicate Pentahydrate	TWA		2		
	STEL				
Chemical Name		ppm	mg/m3	ppm	mg/m3
Sodium Hydroxide	TWA	180			
	STEL				

**ENGINEERING CONTROLS:** None usually needed.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**Skin:** Chemical resistant gloves.

**Respiratory:** No personal respiratory equipment normally required.

**Protective clothing:** Wear suitable protective clothing to prevent contact with skin.

**Work hygienic practices:** Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL DATA AND CHEMICAL PROPERTIES

**PHYSICAL STATE** : Powder  
**ODOR** : Slight  
**PH** : 13  
**FLASH POINT** : Not applicable  
**FLAMMABLE LIMITS** : Not applicable  
**SPECIFIC GRAVITY** : Not applicable  
**WT. PER GALLON** : Not applicable  
**BOILING RANGE** : Not applicable  
**VAPOR DENSITY** : Not applicable  
**VAPOR PRESSURE** : Not applicable  
**WATER SOLUBILITY** : 1 pound per gallon  
**APPEARANCE** : Powder  
**COLOR** : Red  
**% VOLATILE** : Non-combustible  
**%VOC** : Not applicable

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY** : Product stable  
**CONDITIONS TO AVOID** : Not applicable  
**INCOMPATIBLE MATERIALS** : Reactive or incompatible with the following materials: oxidizing materials.  
**HAZARD DECOMPOSITION** : Carbon oxides (CO, CO<sub>2</sub>). Emits toxic fumes when heated to decomposition.  
**HAZARDOUS REACTIONS** : Under normal conditions there will be no hazardous reactions

## 11. TOXICOLOGICAL INFORMATION

Not applicable

## 12. ECOLOGICAL INFORMATION

Environmental Effects: No known significant effects or critical hazards.

### Aquatic Ecotoxicity

Not applicable

## 13. DISPOSAL PROCEDURES

### Waste Information

Wear protective clothing. Dike spill to contain. Pump material to waste disposal container.

**WASTE DISPOSAL:** Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Code: - (None)  
Classification: - (Non-Hazardous waste)

## 14. TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Not regulated

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

SARA SECTION 313 toxic chemical notification and release reporting:

No products were found.

**Clean Water Act (CWA) 307:** No products were found

**Clean Water Act (CWA) 311:** No products were found

**Clean Air Act (CAA) 112:** Regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** New SDS Format

**DATE OF ISSUE:** 1/2017

### HMIS RATING

HEALTH	2
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	

### NFPA CODES

