

## Safety Data Sheet

### Section 1: Identification

Name: Massco - FURY METALSAFE - Non-Chlorinated Detergent      Date Issued: 6-24-15  
 Other Name: N/A      Massco Code: MAS 108615  
 Recommended Use: Metal safe high quality ware washing  
 Supplier Information: Massco Inc. 1837 S. Meridian, Wichita, KS 67213  
 Emergency Telephone: 800-424-9300      Product Information: 800-555-8774

### Section 2: Hazard(s) Identification

#### Potential Health Effects

Signal Word = Danger

Label Elements:

Hazard Category:

Acute Oral Toxicity = 4 - Harmful if swallowed

Acute Dermal Toxicity = 4 - Harmful in contact with skin

Skin Corrosion/Irritation = 1A to 1C - Causes severe skin burns and eye damage

Eye Damage/Irritation = 1 - Causes serious eye damage



Precautionary Statement:

Prevention = Do not breathe dusts or mists, wash thoroughly after handling, wear protective gloves, clothing, eye protection, face protection.

Response = If swallowed, rinse mouth, do not induce vomiting. Take off contaminated clothing and rinse skin with water. Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor. If in eyes, rinse cautiously with water for several minutes (remove contact lenses, if present and easy to do. Continue rinsing.

Storage = Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Disposal = Review all federal, state and local laws regarding disposal of this product.

Prolonged/Repeated Exposure Effects:

Eye: Similar to effects from acute exposure

Skin: Similar to effects from acute exposure except for expected damage to secondary tissue

Inhalation: Similar to acute exposure

Ingestion: Similar to acute exposure

\*\*The above listed potential effects are compiled based on a review of all component SDS's\*\*

### Section 3: Composition Information on Ingredients

| CAS Number | Chemical Name           | % by Vol | RQ#     | OSHA | TWA     | STEL    |
|------------|-------------------------|----------|---------|------|---------|---------|
| 1310-58-3  | Potassium Hydroxide     | <5       | 1000    |      | No Data | No Data |
| 1310-73-2  | Sodium Hydroxide        | <5       | 1000    |      | 2mg/m3  | No Data |
| 7758-29-4  | Sodium Tripolyphosphate | <5       | No Data |      | No Data | No Data |

**%Phosphorus in product: 1.128%**

\*\*Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities\*\*

### Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.

Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.

Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.

Ingestion: Obtain medical attention.

### Section 5: Fire Fighting Measures

Flash Point: N/A

Fire Fighting Methods: Use methods

Auto ignition Temperature: Not Determined

suitable for surrounding fire.

Flammability Limits: N/A

Extinguishing Media: Select extinguisher suitable for surrounding fire      Unusual Fire Hazards: N/A

### Section 6: Accidental Release Measures

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

**Section 7: Handling and Storage**

Store containers in an upright position. Ensure container lids are in place and secure when not in use.

**Section 8: Exposure Controls**

| <u>CAS Number</u> | <u>Chemical Name</u>    | <u>OSHA</u> | <u>TWA</u> | <u>STEL</u> |
|-------------------|-------------------------|-------------|------------|-------------|
| 1310-58-3         | Potassium Hydroxide     |             | No Data    | No Data     |
| 1310-73-2         | Sodium Hydroxide        |             | 2mg/m3     | No Data     |
| 7758-29-4         | Sodium Tripolyphosphate |             | No Data    | No Data     |

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Safety glasses recommended

Skin: Chemical protective gloves are recommended

Inhalation: No respiratory protection required w/ adequate ventilation

**Section 9: Physical and Chemical Properties**

|                       |                      |                             |
|-----------------------|----------------------|-----------------------------|
| Physical Form: Liquid | Odor: NIL            | Freezing/Melting Point: N/D |
| Color: Red            | Specific Gravity: >1 | pH: Very Alkaline           |
| Boiling Point: N/D    | Viscosity: N/D       | Vapor Density: N/D          |
| Vapor Pressure: N/D   |                      |                             |

**Section 10: Stability and Reactivity**

|                            |                                          |                          |
|----------------------------|------------------------------------------|--------------------------|
| Chemical Stability: Stable | Hazardous Polymerization: Will not Occur | Conditions to Avoid: N/A |
| Materials to Avoid: N/A    | Hazardous Decomposition Products: N/A    |                          |

**Section 11: Toxicological Information**

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

**Section 12: Ecological Information**

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| Exotoxicity: N/D                                | Bio accumulative Potential: N/D |
| Persistence and Degradability: Similar to water | Mobility in Soil? N/D           |

**Section 13: Disposal Considerations**

Review all federal, state and local laws regarding disposal of this product.

**Section 14: Transportation Information**

UN 1760, Corrosive Liquid, N.O.S., Class 8, PG II (Contains, Sodium Hydroxide, Potassium Hydroxide)

**Section 15: Regulatory Information**

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: Sodium Hydroxide and Potassium Hydroxide, which are in this product are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: N/A

CERCLA Hazardous Substances: Yes (Sodium Hydroxide, Potassium Hydroxide, Sodium Tripolyphosphate)

Section 311/312 Hazard Class: Yes (Sodium Hydroxide, Potassium Hydroxide, Sodium Tripolyphosphate)

Section 313 Toxic Chemicals: N/A

**Section 16: Other Information**

Prepared by: J. Chantz Horman on 4/19/15. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.