

# SAFETY DATA SHEET

## 1. Product Identification

### FIRESTORM

Recommended usage      Cleaning oils/ concentrated cleaner

Manufacturer              Wilhour Water Works LLC  
104 West Poplar  
Taylorville, IL. 62568

Emergency Number      1-800-424-9300 CHEMTREC  
Telephone Number      1-217-825-8033  
Date Prepared            March, 2026

## 2. Hazard Identification

|                         |                  |                   |                               |
|-------------------------|------------------|-------------------|-------------------------------|
| GHS Class<br>(Category) | flammable<br>(0) | aspiration<br>(0) | Acute toxicity<br>(1)         |
| Signal Words            |                  |                   | Warning                       |
| Hazard Statement        | none             | none              | may cause skin/eye irritation |

Hazard statement      May cause skin an eye irritation. Harmful if swallowed

Label elements

## 3. Composition

| <u>PRODUCTS</u>     | <u>CAS#</u> | <u>%</u> |
|---------------------|-------------|----------|
| Sodium Metasilicate | 6834-92-0   | <1       |
| Sodium Hydroxide    | 1310-73-2   | < 2      |
| Surfactants         | n/a         | <3       |

#### **4. First Aid measures**

|              |                                                                                                                                  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Remove victim to fresh air and keep at rest for comfortable breathing<br>If breathing is still difficult, get medical attention. |
| Skin contact | Remove affected clothing and wash all exposed skin area with mild soap and Water, followed by warm rinse water.                  |
| Eye contact  | Rinse immediately with plenty of water. Get medical attention if irritation persist                                              |
| Indigestion  | Rinse mouth. DO NOT induce vomiting. Contact poison control or doctor promptly.                                                  |

#### **5. Firefighting measures**

|                                |                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | Foam, Dry powder, carbon dioxide, water spray, sand<br>Suitable for the surrounding fire.         |
| Fire hazard                    | In a fire or overheated container may burst                                                       |
| Firefighting instructions      | Use water spray or fog for cooling exposed containers. Prevent run off from entering environment. |
| Protection during firefighting | Do not enter fire area without proper protective equipment including respiratory equipment.       |

#### **6. Accidental release measures**

##### **Personal precautions, protective equipment and emergency procedures**

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Emergency procedures for non emergency Personnel | Evacuate unnecessary personnel |
| Emergency procedures for emergency Responders    | Ventilate area                 |

##### **Methods and materials for containment cleaning up**

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| For containment      | Dike for recovery or absorb with appropriate material. Do not contaminate ground and surfaced water |
| Methods for clean up | Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible            |
| Collect              | spillage. Store away from materials.                                                                |

#### **7. Handling & Storage**

Store in accordance with local regulations. Store in original container away from food, drink and incompatible material.

Proper handling with appropriate protective equipment is required. Never cut, drill, weld or grind on or near this container. Avoid contact with skin and wash work cloths frequently. An eye wash and safety shower must be available near the workplace.

## **8. Exposure control & Personal Protection**

|                            | <b>ACGIH TWA<br/>ppm</b>                                                                  | <b>OSHA/NIOSH<br/>STEL<br/>ppm</b> | <b>OSHA/ACGIH<br/>STEL<br/>mg/m3</b> |
|----------------------------|-------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------|
| <b>Sodium Metasilicate</b> | <b>N/A</b>                                                                                | <b>N/A</b>                         |                                      |
| <b>Sodium Hydroxide</b>    | <b>2</b>                                                                                  |                                    |                                      |
| <b>Surfactants</b>         |                                                                                           |                                    | <b>1</b>                             |
| <b>Ventilation</b>         | <b>mechanical ventilation probably not required due to low vapor pressure</b>             |                                    |                                      |
| <b>Hands</b>               | <b>Viton glove are recommended consult supplier to confirm suitability.</b>               |                                    |                                      |
| <b>Eyes</b>                | <b>Safety glasses with side shields ALWAYS PROTECT THE EYES</b>                           |                                    |                                      |
| <b>Clothing</b>            | <b>No special protective clothing required if normal industrial hygiene is practiced.</b> |                                    |                                      |

## **9. Physical and Chemical properties**

|                             |                          |
|-----------------------------|--------------------------|
| <b>Physical state</b>       | <b>liquid</b>            |
| <b>Appearance and color</b> | <b>Blue or Red</b>       |
| <b>Odor threshold</b>       | <b>not known</b>         |
| <b>pH</b>                   | <b>&lt;11</b>            |
| <b>Evaporation rate</b>     | <b>no data available</b> |
| <b>Melting point</b>        | <b>no data available</b> |
| <b>Freezing point</b>       | <b>no data available</b> |
| <b>Boiling point</b>        | <b>180 (180-210) *C</b>  |
| <b>Flash point</b>          | <b>nonflammable</b>      |
| <b>Specific Gravity</b>     | <b>1.01 (1= 8.34)</b>    |
| <b>VOC content</b>          | <b>N/A</b>               |

## **10. Stability and Reactivity**

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| Reactivity                        | Non-Reactive                                             |
| Chemical stability                | Stable at normal conditions                              |
| Possibility of hazardous reaction | None known                                               |
| Conditions to avoid               | Excessive heat or open flame.                            |
| Incompatible materials            | Avoid contact with acidic materials and strong oxidizers |
| Hazardous decomposition products  | None known                                               |

## **11. Toxicity**

### **Effects, Acute Exposure**

|                 |                                               |
|-----------------|-----------------------------------------------|
| Skin contact    | may irritate, drying upon prolong exposure    |
| Skin absorption | slight, no toxic effects likely by this route |
| Eye contact     | Irritation, stinging, redness                 |
| Inhalation      | Not expected route of entry. Irritation       |
| Ingestion       | Not a typical route of exposure               |

### **Effects, Chronic Exposure**

|                       |                                                                    |                  |
|-----------------------|--------------------------------------------------------------------|------------------|
| General               | prolong exposure may remove natural skin oils and cause dermatitis |                  |
| Sensitising           | not a sensitiser in human or animals                               |                  |
| Carcinogen/Tumorigen  | Not known in human or animal                                       |                  |
| Reproductive Effect   | Not known in human or animal                                       |                  |
| Mutagen               | Not known in human or animal                                       |                  |
| Synergistic with      | not known                                                          |                  |
| LD50 (oral rat)       | >1300 mg/kg                                                        | 96 hour exposure |
| LD50 (skin rat)       | >1300 mg/kg                                                        | 96 hour exposure |
| LD50 (inhalation rat) | >2000 mg/kg                                                        | 96 hour exposure |

## **12. Ecological information**

Toxicity Ecological general      No Data available

Persistence and Degradability      No Data available

Other adverse effects      No Data available

## **13. Disposal**

**Waste Disposal** Material that cannot be saved for recovery or recycling should be managed in appropriate and an approved waste management facility. Waste generator must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal definitions

## **14. Transport information**

Transport material description      None

UN or NA Number      N/A

Proper shipping name      N/A

Primary Hazard Class      N/A

## **15. Regulatory information**

SARA 313 Components      None

## **16. Other Information**

**NFPA (National Fire Protection Association)**

NFPA Health Hazard      1

NFPA Fire Hazard      0

NFPA Reactivity      0

**HMIS Rating**

Health      1

Flammability      0

Physical Hazard      0

Personal Protection      See section 8 of SDS

This information contained in this SDS is believed to be accurate on the date issued. However material may present unknown hazards and should be used with caution. Final determination of suitable use of any material is sole responsibility of the user. Wilhour Wash Works does NOT assume any liability whatsoever for consumers use and disposal of this product.