

SAFETY DATA SHEET

1. Product Identification

Tire & Smoke super concentrate

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	flammable	aspiration	Acute toxicity
(Category)	(0)	(0)	(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 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 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

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

9. Physical and Chemical properties

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

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.