

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : SPRAY & WIPE

Product form: Liquid

Other means of identification: LB001

Relevant identified uses of the substance or mixture: Hard surface cleaner

Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Serious eye damage/eye irritation (Category 1)

Skin corrosion/irritation (Category 1)

Acute toxicity, Oral (Category 4)

Acute toxicity, Dermal (Category 4)

Acute toxicity, Inhalation (Category 4)

Pictogram



Signal Word

Danger

Hazard Statements

Causes skin burns and serious eye damage.

Causes serious eye damage.

Harmful if swallowed, in contact with skin or if inhaled.

Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapor/spray.

Use in a well ventilated area.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse

IF SWALLOWED: Rinse mouth Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	CAS#	Weight %
Sodium metasilicate	6834-92-0	1-5
Ethylene glycol monobutyl ether	111-76-2	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause eye irritation with reddening and watering.

May cause skin burns.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Carbon oxides

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

Section VI – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to open bodies of water, municipal sewers, and watercourses.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Following product recovery, flush area with water. Scrub area with detergent and water.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
Sodium metasilicate	6834-92-0	No exposure Limits	No exposure Limits	No exposure Limits
Ethylene glycol monobutyl ether	111-76-2	TWA: 20 ppm	TWA: 50 ppm 240 mg/m ³	TWA: 5 ppm 24 mg/m ³

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Blue Green
<u>Property</u>	<u>Values</u>
pH	12-13.25
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	>212 ° F
Evaporation Rate	No data available
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.01
Water Solubility	Soluble in Water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Almond
Odor Threshold	No data available

Section X – Stability & Reactivity

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

None Known.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye damage.

Skin Contact: Avoid contact with skin. Causes skin burns.

Ingestion: May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Sodium metasilicate	6834-92-0	1,152-1,349 mg/kg (Rat)	No data available	No data available
Ethylene glycol monobutyl ether	111-76-2	470 mg/kg (Rat)	220 mg/kg (Rabbit)	450 ppm 4 h (Rat)

Chemical Name	Sodium metasilicate	Ethylene glycol monobutyl ether
Skin corrosion/irritation	Corrosive	Open irritation test
Serious eye damage/irritation	Severe damage	Moderate irritation.
Respiratory or skin sensitization	Does not cause.	No data available
Mutagenicity	Negative	No data available
Carcinogenicity	Not classified as carcinogen	Not classifiable as a human carcinogen
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	May be respiratory irritant	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Sodium metasilicate	6834-92-0	No data available	LC50 – Danio rerio (Zebra fish)-210 mg/l – 96 h	No data available
Ethylene glycol monobutyl ether	111-76-2	No data available	LC50 – other fish- 220 mg/l – 96 h	EC50 – Daphnia magna (Water flea)-1,815 mg/l – 24 h

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Non-Bulk: Not regulated as dangerous goods.

Bulk: Not regulated as dangerous goods.

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute, chronic health hazard

SARA Title III Section 313 (40CFR372): One reportable components.

Chemical Name	CAS #	Weight %	SARA 313-Threshold Values %
Ethylene glycol monobutyl ether	111-76-2	1-5	1.0

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

