

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 08/31/2026

Version 1

1. IDENTIFICATION

Product Name Pr325
Chemical Family Water-based alkaline cleaner
Recommended Use/Restrictions Roof and Pavement Cleaner. For exterior use only. Do not use indoors.
Manufacturer
 SESCO Roofing Products
 4140 Capital Drive
 New Albany, IN 47150
24-Hour Emergency Phone CHEMTREC 1-800-424-9300
Information Only 812.776.6251

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity – Oral: Category 4
 Skin corrosion/irritation: Category 2
 Serious eye damage/eye irritation: Category 1
 Reproductive toxicity: Category 2

GHS Label Elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

Harmful if swallowed.
 Causes skin irritation.
 Causes serious eye damage.
 Suspected of damaging fertility or the unborn child.

Precautionary statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, and eye and face protection. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product.

Response:

Specific treatment: see first aid information on this label. IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Storage:

Store locked up.

Disposal:

Dispose of contents and container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC):

Not applicable.

Unknown acute toxicity:

96% of the mixture consists of ingredient(s) of unknown acute oral toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Weight Percent	Components	CAS-No.
1 – 10%	Sodium metasilicate	6834-92-0

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**General Advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye Contact

Get immediate medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep the eye wide open while rinsing. Do not rub the affected area.

Skin Contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

Self-Protection of the First Aider

Avoid contact with skin, eyes, or clothing. Wear personal protective clothing (see Section 8).

Most Important Symptoms and Effects

Burning sensation. May cause adverse reproductive effects such as birth defects, miscarriage, or infertility.

Note to Physicians

Treat symptomatically.

5. FIREFIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Do not scatter spilled material with high pressure water streams.

Specific Hazards

No information available.

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

Special Protective Equipment for Fire-Fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required. Ensure adequate ventilation.

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Pick up and transfer to properly labeled containers.

Prevention of Secondary Hazards

Clean contaminated objects and areas thoroughly, observing environmental regulations. Do not allow product or rinse water to enter storm drains, sewers, or waterways.

7. HANDLING AND STORAGE

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and shoes, and wash contaminated clothing before reuse.

Conditions for Safe Storage

Keep containers tightly closed in a dry, cool, and well-ventilated place. Store between 50°F and 100°F, out of direct sunlight, and protect from freezing. Do not heat or thin. Keep out of the reach of children. Store locked up.

Storage Period 12 months, unopened

Incompatible Materials Strong acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by region-specific regulatory bodies.

Engineering Controls

Showers. Eyewash stations. Ventilation systems.

Eye/Face Protection Tight sealing safety goggles.

Hand Protection Wear suitable impervious gloves.

Skin and Body Protection Wear suitable protective clothing. Long sleeved clothing.

Respiratory Protection Appropriate respiratory protection should be selected and used according to the chemical nature, hazards, and use of this product and the safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations

Avoid contact with skin, eyes, or clothing. Wear suitable gloves and eye and face protection. Do not eat, drink, or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Remarks • Method
Physical state	Liquid	–
Appearance	Amber liquid	–
Odor	No data available	–
Odor threshold	No data available	–
pH	10 – 12	–
Melting point / freezing point	No data available	Protect from freezing
Boiling point / boiling range	No data available	–
Flash point	Not applicable	Setaflash
Evaporation rate	No data available	Butyl acetate = 1
Flammability	Not flammable	–

Upper / lower flammability limit	No data available	–
Vapor pressure	No data available	–
Vapor density	No data available	–
Relative density	8.31 lb/gal	Water = 1 g/ml
Water solubility	Soluble	Diluted 1:4 with water in use
Partition coefficient	No data available	–
Autoignition temperature	No data available	–
Decomposition temperature	No data available	–
Kinematic / dynamic viscosity	No data available	@ 25 °C
VOC content	0 g/L	EPA Method 24

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	Strong acids. Strong oxidizing agents.
Hazardous Decomposition Products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of the respiratory tract.
Eye Contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
Skin Contact	Specific test data for the substance or mixture is not available. Causes skin irritation (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Harmful if swallowed (based on components).
Symptoms	Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Numerical Measures of Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 500.00 mg/kg
ATEmix (dermal) 99,999.00 mg/kg
ATEmix (inhalation-gas) 99,999.00 ppm
ATEmix (inhalation-vapor) 99,999.00 mg/l
ATEmix (inhalation-dust/mist) 99,999.00 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium metasilicate 6834-92-0	= 1153 mg/kg (Rat)	–	–

Delayed, Immediate, and Chronic Effects

Skin corrosion/irritation	Classification based on data available for ingredients. Causes skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Causes serious eye damage.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.

Carcinogenicity	No information available.
Reproductive toxicity	Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.
STOT – single exposure	No information available.
STOT – repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium metasilicate 6834-92-0	–	LC50: = 210 mg/L (96h, Brachydanio rerio)	–

Persistence and Degradability	No data available.
Bioaccumulation	There is no data for this product.
Other Adverse Effects	No information available. Do not allow product or rinse water to enter surface waters.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging

Do not reuse empty containers.

14. TRANSPORT INFORMATION

Regulation	Status
DOT	Not regulated.
TDG	Not regulated.
MEX	Not regulated.
ICAO (air)	Not regulated.
IATA	Not regulated.
IMDG	Not regulated.

15. REGULATORY INFORMATION

International Inventories

TSCA – All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
Sodium metasilicate	6834-92-0	Present	Active

DSL/NDL – All of the components of this product are listed on the DSL.

EINECS/ELINCS – All components are listed.

TCSI – Contact supplier for inventory compliance status.

US Federal Regulations

SARA 313 – This product does not contain any chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

SARA 311/312 Hazard Categories – Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act) – This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA – This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65 – This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations – This product does not contain any substances regulated under applicable state right-to-know regulations.

U.S. EPA Label Information – EPA Pesticide Registration Number: Not applicable.

16. OTHER INFORMATION

NFPA	Health hazards 3	Flammability 0	Instability 0	Special hazards –
HMIS	Health hazards 3*	Flammability 0	Physical hazards 0	Personal protection B

* = Chronic Health Hazard

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet