

SAFETY DATA SHEET

Issue Date 12-2-2014

Revision Date 2-14-2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Garage Floor Cleaner

Other Means of Identification

SDS # 3502

Product Code 3502

Recommended Use of the Chemical and Restrictions on Use

Recommended Use

Powdered floor cleaner

Details of the Supplier of the Safety Data Sheet

Supplier Address

PRODUCTS CHEMICAL COMPANY
6400 HERMAN AVENUE
CLEVELAND, OH 44102

Emergency Telephone Number

Company Phone Number 1-800-233-5078

Emergency Telephone 1-800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1A

Eye Damage/Irritation: Category 1

Specific Target Organ Toxicity-Single Exposure: Category 3

Signal Word

DANGER

Symbols



Emergency Overview:

Physical State: Solid

Color: Yellow

Odor: Solvent

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).

Hazard Statements

CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
MAY CAUSE RESPIRATORY IRRITATION.

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.
Do not breathe dusts/fume/gas/mists/vapors or spray.
Use only outdoors in or a well-ventilated area.

Precautionary Statements – Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Immediately call a poison center or doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately 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. Immediately call a poison center or doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor.

Precautionary Statements – Storage

Store locked up.
Store in a well-ventilated place.
Keep container tightly closed.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
Soda Ash	497-19-8	1-5
Sodium Metasilicate	6834-92-0	1-5
Sodium Tripolyphosphate	7758-29-4	1-5

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

4. FIRST AID MEASURES

First Aid Measures**Eye Contact**

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.

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Immediately call a poison center or doctor.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison

center or doctor.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Direct contact with eyes causes serious damage. Substance causes serious skin burns.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

None

Specific Hazards Arising from the Chemical

Dried product is capable of burning. Combustion products are toxic.

Protective Equipment and Precautions for Firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Materials Strong acids/oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Soda Ash 497-19-8	No data available	No data available	No data available
Sodium Metasilicate 6834-92-0	25 ppm	50 ppm	No data available
Sodium Tripolyphosphate 7758-29-4	10 mg/m ³ TWA	No data available	No data available

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Avoid contact with eyes. Wear safety eyewear.
Skin and Body Protection	Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection	Not required with expected use. Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Solid	Odor	Solvent
Appearance	Yellow granules	Odor Threshold	Not determined
Color	Yellow		

<u>Property</u>	<u>Values</u>
pH	12
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	0 Deg F
Flash Point	n/a (tcp)
Evaporation Rate	(H ₂ O=1) =1
Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL=n/a
Lower Flammability Limits	LEL=n/a
Vapor Pressure	20@68F
Vapor Density	Not determined
Specific Gravity	.121
Water Solubility	Soluble in water
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature Kinematic	Not determined
Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties Oxidizing Properties	Not determined
	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids/oxidizers

Hazardous Decomposition Products

Alkaline vapors in a fire.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes severe eye damage. **Skin Contact** Causes severe skin burns.

Inhalation Irritating to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.

Ingestion No relevant data found.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Soda Ash 497-19-8	2,800 mg/kg (rat)	>2,000 mg/kg (rabbit)	2.3 mg/L (rat)
Sodium Metasilicate 6834-92-0	2350 mg/kg (rat)	Data not available	Data not available
Sodium Tripolyphosphate 7758-29-4	3,120 mg/kg (rat)	4,640 mg/kg (rabbit)	Data not available

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

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

ATEmix-oral: mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Material may be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Soda Ash 497-19-8	Data not available	LC50: (Bluegill sunfish): 300 mg/L 96h	Data not available	EC50: (Ceriodaphnia): 200-227 48h
Sodium Metasilicate 6834-92-0	Data not available	Data not available	Data not available	Data not available
Sodium Tripolyphosphate 7758-29-4	Data not available	Data not available	Data not available	Data not available

Persistence and Degradability

Not determined

Bioaccumulation

Not determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	UN 3262, CORROSIVE SOLIDS, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE), 8, III.
<u>IATA</u>	Not available.
<u>IMDG</u>	Not available.
<u>TDG</u>	Not available.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
None		

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
None			

California Prop 65: This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

16. OTHER INFORMATION

NFPA

Health Hazards

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS

Health Hazards

2

Flammability

0

Physical Hazards

0

Personal Protection

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February-14-2016

Revision Note

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

Distributed By:

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