

# SAFETY DATA SHEET

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Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** S-12000 Heavy Duty Degreaser

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cleaning Agent: Degreaser

**Uses advised against** Industrial Use Only

### Details of the supplier of the safety data sheet

**Supplier Name** Arizona Polymer Flooring, Inc.

**Supplier Address** 2705 Via Orange Way Suite B  
Spring Valley  
CA  
91978  
US

**Supplier Phone Number** Phone:619-401-8282  
Fax:619-401-8288

**Supplier Website** www.super-krete.com

### Emergency telephone number

**Company Emergency Phone Number** 800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification


This chemical is not regulated by D.O.T.

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

### GHS Label elements, including precautionary statements

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**Emergency Overview**

|   |   |                       |                  |
|---|---|-----------------------|------------------|
| <b>Signal word</b>  | <b>Danger</b>                                       |                       |                  |
| <b>Hazard Statements</b>  | Causes skin irritation<br>Causes serious eye damage |                       |                  |
|  |   |                       |                  |
| <b>Appearance</b>   | Red   | <b>Physical state</b> | Liquid           |
|   |   |                       | <b>Odor</b> Soap |

**Skin**

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

H315 - Causes skin irritation.

P264 - Wash exposed skin thoroughly after handling.

P332+ P313 - If skin irritation occurs: Get medical advice/attention.

P310 - Immediately call POISON

CENTER or doctor/physician.

P362 - Take off contaminated clothing and wash before reuse.

**Eyes**

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. lenses, if present and easy to do. Continue rinsing.

H318 - Causes serious eye damage.

P280 - Wear protective gloves/eye protection/face protection.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

1% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No      | Weight-% | Trade Secret |
|---|-------------|----------|--------------|
| Supplier Trade Secret   | Proprietary | 3 - 7    | *            |
| Supplier Trade Secret   | Proprietary | 3 - 7    | *            |
| Sodium metasilicate   | 6834-92-0   | 1 - 5    | *            |
| Sodium hydroxide  | 1310-73-2   | 1 - 5    | *            |
| Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates | 68130-47-2  | 1 - 5    | *            |
| Supplier Trade Secret   | Proprietary | 1 - 5    | *            |

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

### 4. FIRST AID MEASURES

#### First aid measures

#### General Advice

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

#### Eye contact

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

#### 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

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

#### Self-protection of the first aider

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

#### Most Important Symptoms and Effects

Burning sensation.

#### Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

This material is not flammable.

### Unsuitable Extinguishing Media

Dry chemical, foam or carbon dioxide, water spray.

### Specific Hazards Arising from the Chemical

No information available.

#### **Uniform Fire Code**

Irritant: Liquid

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

### Protective Equipment and Precautions for Firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

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

#### **Other Information**

Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

#### **Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

#### **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. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**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. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Do not allow product to freeze.

**Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                 | ACGIH TLV                    | OSHA PEL   | NIOSH IDLH   |
|-------------------------------|------------------------------|--|--|
| Sodium hydroxide<br>1310-73-2 | Ceiling: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup><br>(vacated) Ceiling: 2 mg/m <sup>3</sup>   | IDLH: 10 mg/m <sup>3</sup><br>Ceiling: 2 mg/m <sup>3</sup> |
| Supplier Trade Secret         | TWA: 20 ppm                  | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>   |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

|                |                          |
|----------------|--------------------------|
| Physical state | Liquid                   |
| Appearance     | Red                      |
| Odor Threshold | No information available |
| Odor           | Soap                     |

| <b><u>Property</u></b>                 | <b><u>Values</u></b> | <b><u>Remarks</u></b> | <b><u>Method</u></b> |
|--|----------------------|-----------------------|----------------------|
| pH                                     | 11-11.5              | None known            |                      |
| Melting / freezing point               | No data available    | None known            |                      |
| Boiling point / boiling range          | No data available    | None known            |                      |
| Flash Point                            | No data available    | None known            |                      |
| Evaporation Rate                       | No data available    | None known            |                      |
| Flammability (solid, gas)              | No data available    | None known            |                      |
| Flammability Limit in Air              |                      |                       |                      |
| Upper flammability limit               | No data available    |                       |                      |
| Lower flammability limit               | No data available    |                       |                      |
| Vapor pressure                         | No data available    | None known            |                      |
| Vapor density                          | No data available    | None known            |                      |
| Specific Gravity                       | 1.04                 | None known            |                      |
| Water Solubility                       | Soluble (> .?%)      | None known            |                      |
| Solubility in other solvents           | No data available    | None known            |                      |
| Partition coefficient: n-octanol/water | No data available    | None known            |                      |
| Autoignition temperature               | No data available    | None known            |                      |
| Decomposition temperature              | No data available    | None known            |                      |
| Kinematic viscosity                    | No data available    | None known            |                      |
| Dynamic viscosity                      | No data available    | None known            |                      |
| Explosive properties                   | No data available    |                       |                      |
| Oxidizing properties                   | No data available    |                       |                      |

**Other Information**

|                            |                   |
|----------------------------|-------------------|
| Softening Point            | No data available |
| VOC Content (%)            | No data available |
| Particle Size              | No data available |
| Particle Size Distribution |                   |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### 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

None known based on information supplied.

### Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. (based on components). Causes serious eye damage. Severely irritating to eyes. May cause irreversible damage to eyes.               |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Prolonged contact may cause redness and irritation.                                  |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

#### Component Information

| Chemical Name                    | Oral LD50            | Dermal LD50             | Inhalation LC50       |
|----------------------------------|----------------------|-------------------------|-----------------------|
| Supplier Trade Secret            | = 3100 mg/kg ( Rat ) | > 7940 mg/kg ( Rabbit ) | -                     |
| Sodium metasilicate<br>6834-92-0 | = 600 mg/kg ( Rat )  | -                       | -                     |
| Sodium hydroxide<br>1310-73-2    | -                    | = 1350 mg/kg ( Rabbit ) | -                     |
| Supplier Trade Secret            | = 470 mg/kg ( Rat )  | = 220 mg/kg ( Rabbit )  | = 450 ppm ( Rat ) 4 h |

### Information on toxicological effects

#### Symptoms

Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name         | ACGIH | IARC    | NTP | OSHA |
|-----------------------|-------|---------|-----|------|
| Supplier Trade Secret | A3    | Group 3 |     |      |

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied. Carcinogenic potential is unknown.

**Target Organ Effects** Respiratory system. Eyes. Skin.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

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

**ATEmix (oral)**

6,490.00 mg/kg

**ATEmix (dermal)**

60,612.00 mg/kg (ATE)

**ATEmix (inhalation-dust/mist)**

150.00 mg/l

**ATEmix (inhalation-vapor)**

1,100.00 ATEmix



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

| Chemical Name                    | Toxicity to Algae | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                          |
|----------------------------------|-------------------|--|----------------------------|---|
| Supplier Trade Secret            |                   | 48h LC50: = 1650 mg/L<br>(Leuciscus idus)  |                            |   |
| Sodium metasilicate<br>6834-92-0 |                   | 96h LC50: = 210 mg/L<br>(Brachydanio rerio)  |                            | 96h EC50: = 216 mg/L                                |
| Sodium hydroxide<br>1310-73-2    |                   | 96h LC50: = 45.4 mg/L<br>(Oncorhynchus mykiss)   |                            |   |
| Supplier Trade Secret            |                   | 96h LC50: = 1490 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: = 2950 mg/L (Lepomis<br>macrochirus) |                            | 48h EC50: > 1000 mg/L 24h<br>EC50: 1698 - 1940 mg/L |

### Persistence and Degradability

No information available.

### Bioaccumulation

| Chemical Name         | Log Pow |
|-----------------------|---------|
| Supplier Trade Secret | 0.81    |

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                 | California Hazardous Waste |
|-------------------------------|----------------------------|
| Sodium hydroxide<br>1310-73-2 | Toxic<br>Corrosive         |

## 14. TRANSPORT INFORMATION

### **Ground Shipping Information:**

Cleaning, scouring, or washing compounds, N.O.S., Liquid.

**Water Shipping Information:**

Cleaning, Sourcing, or Washing Compounds, N.O.S., Liquid

**Air Shipping Information:**

Cleaning, Scouring, or Washing Compounds, N.O.S., Liquid.

**15. REGULATORY INFORMATION****US Federal Regulations:****TSCA (Toxic Substance Control Act)** All components listed on TSCA inventory.**SARA Title III (Superfund Amendments and Reauthorization Act):****313 Reportable Ingredients:**                      **CAS Number:**                      **Percent:**

Glycol Ethers    Category N230    1.5%

**State Regulations:** California Proposition 65 – This product does not contain any chemicals currently listed.**International Regulations:** Class E Corrosive under Canadian WHMIS**Section 15 Notes:**                      None**16. OTHER INFORMATION**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 3 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards</b> - |
| <b>HMIS</b> | <b>Health Hazards</b> 3 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 | <b>Personal Protection</b> X           |

|                      |  |
|----------------------|--|
| <b>Prepared By</b>   | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| <b>Revision Date</b> | 22-Jul-2015  |
| <b>Revision Note</b> | No information available   |

**Disclaimer**

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**End of Safety Data Sheet**