

5275 Soap So Lo

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 03/08/2016 Date of issue: 03/08/2016

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: 5275 Soap So Lo

1.2. Intended Use of the Product

Polishing Compound.

1.3. Name, Address, and Telephone of the Responsible Party

Company

Ardex Laboratories, Inc.

2050 Byberry Rd

Philadelphia, PA 19116

T 215-698-0500

ardexlabs.com

1.4. Emergency Telephone Number

Emergency Number : 800-424-9300

CHEMTREC – TOLL FREE 24 HOUR EMERGENCY TELEPHONE NUMBER

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Acute Toxicity (oral) 4

Skin corrosion/irritation 1B

Eye damage/irritation 1

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) :

Danger

Hazard Statements (GHS-US) :

H302 Harmful if Swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage

Precautionary Statements (GHS-US) :

PREVENTION
P260 Do not breathe dust or mists
P264 Wash exposed skin thoroughly after handling
P270 Do not eat, drink, or smoke when using this product
P280 Wear protective gloves, clothing, eye protection and face protection

RESPONSE

P301+P312+P331 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor
P363 Wash contaminated clothing before reuse
P330 Rinse mouth
P405 Store locked up

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P501 Dispose of contents/container in accordance with local ,state, and national regulations.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US) No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Name	Product Identifier	% (w/w)
Phosphoric Acid	(CAS No) 7664-38-2	<15
Benzenesulfonic Acid, C10-16-alkyl	(CAS No) 68584-22-5	<15

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel.

If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Skin Contact: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Chemical burns must be treated promptly by a physician.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head low so that stomach content does not enter lungs.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Symptoms of chemical burns may be delayed. Keep victim under observation

Inhalation: May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system

Skin Contact: Causes severe burns.

Eye Contact: Causes serious eye damage

Ingestion: Toxic if swallowed. May cause burns to mouth, throat, and stomach.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: None known

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

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Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, sulfur oxides, phosphorous oxides, halogenated compounds

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

7.3. Specific End Use(s)

Polishing compound.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Benzenesulfonic Acid, C10-16-alky		
USA NIOSH REL	TWA	1mg/m ³ 10hours
	OSHA PEL	1mg/m ³ 8hours
	ACGIH TLV, TWA	0.2mg/m ³ 8hours
Phosphoric acid		
USA	ACGIH STEL	3mg/m ³ 15mimutes
	TWA	1mg/m ³ 8hours

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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Personal Protective Equipment: Protective goggles. Gloves. Protective clothing.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Amber, liquid
Odor	: ACIDIC-Herbal
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: 26 °F (-9 °C)
Boiling Point	: 221 - 230 °F (105-110 °C)
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: 1.7kPa (12.5mm Hg)
Relative Density	: Not available
Specific Gravity	: 1.05 – 1.21 (@20deg C)
Solubility	: Dispersible
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Viscosity, Dynamic	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Incompatible materials.
- 10.5. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity: Not classified

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LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation

Symptoms/Injuries After Skin Contact: Causes skin damage/burns

Symptoms/Injuries After Eye Contact: Causes severe eye damage/burns

Symptoms/Injuries After Ingestion: Harmful if swallowed

Chronic Symptoms: None expected under normal conditions of use

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Product/ingredient name	Result	Species	Dose	Exposure
Benzenesulfonic Acid, C10-16-alkyl Derivs. (CAS 68584-22-5) (by product)Sulfuric Acid (CAS 7664-93-9)	LC50 Dermal	Rabbit	>2000mg/kg	4hr
	LC50 Oral	Rat	1470mg/kg	
	LC50 Inhalation	Rat	375mg/m3	
	LD50 Oral	Rat	2140 mg/kg	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Component	Test	Result
Benzenesulfonic Acid, C10-16-alkyl Derivs. (CAS 68584-22-5)		
Algae (acute)	EC50	0.91 mg/l, 96hr
Daphnia (acute)	EC50	7.6mg/l, 48hr
Bluegill (acute)	LC50	1.67mg/l, 96hr
Algae (chronic)	NOEC	3.1mg/l 15d
Daphnia (chronic)	NOEC	<3.4mg/l, 28d
Fish	NOEC	.25mg/l, 90d

Phosphoric Acid, 85% w/w (7664-38-2)	
LC50 fishes 1	138 mg/l (96 h; Pisces; PURE SUBSTANCE)
LC50 other aquatic organisms 1	100 - 1000 mg/l (96 h; Protozoa; PURE SUBSTANCE)
LC50 fish 2	100 - 1000 mg/l (Pisces; PURE SUBSTANCE)
LC50 other aquatic organisms 2	240 mg/l (PURE SUBSTANCE)
TLM fish 1	138 ppm (24 h; Gambusia affinis; PURE SUBSTANCE)
Threshold limit other aquatic organisms 1	100 - 1000,96 h; Protozoa; PURE SUBSTANCE
Threshold limit other aquatic organisms 2	240 mg/l (PURE SUBSTANCE)

12.2. Persistence and Degradability

Not established

12.3. Bioaccumulative Potential

Not established

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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Sewage Disposal Recommendations: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.
Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: TRANSPORT INFORMATION

- 14.1. In Accordance with DOT** COMPOUNDS, CLEANING LIQUIDS (CONTAINING PHOSPHORIC ACID), 8, UN1805, PGIII
14.2. In Accordance with IMDG COMPOUNDS, CLEANING LIQUIDS (CONTAINING PHOSPHORIC ACID), 8, UN1805, PGIII
14.3. In Accordance with IATA COMPOUNDS, CLEANING LIQUIDS (CONTAINING PHOSPHORIC ACID), 8, UN1805, PGIII
14.4. In Accordance with TDG COMPOUNDS, CLEANING LIQUIDS (CONTAINING PHOSPHORIC ACID), 8, UN1805, PGIII

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

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SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. US State Regulations

Not listed

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 03/08/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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