

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Power-Shine Pro Lo pH Presoak 101  
**PRODUCT TYPE:** ..... Acidic Liquid Cleaning Compound  
**PRODUCT NUMBER:** ..... PSLP101XX (Last 2 characters vary with the packaging)  
**CONTROL NUMBER:** ..... C7200XXX

**COMPANY:** ..... **Simoniz USA, Inc.**  
201 Boston Turnpike  
Bolton, CT 06043  
1-800-227-5536  
[www.simoniz.com](http://www.simoniz.com)

**EMERGENCY PHONE:** ..... 1-800-255-3924 (CHEM-TEL)

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** ....Acute Toxicity, Dermal (2) Acute Toxicity, Oral (3), Skin Corrosion (1), Serious Eye Damage (1) Corrosive to Metals (1) Specific Target Organ Toxicity, Repeated Exposure (2) Acute Toxicity, Inhalation (4)

**SYMBOLS:**.....



**SIGNAL WORD:**..... DANGER!

**HAZARD STATEMENT:** ..... Fatal in contact with skin. Toxic if swallowed. Causes severe skin burns and eye damage. May be corrosive to metals. May cause damage to organs through prolonged or repeated exposure (respiratory system, eyes, skin, bones, blood). Harmful if inhaled.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not touch eyes. Do not eat, drink or smoke when using this product. Wear protective gloves / protective clothing / eye protection /face protection. Do not breathe dust / fume / gas / mist / vapors / spray. Keep only in original packaging. Use only outdoors or with adequate ventilation.

**RESPONSE:** ..... Absorb spillage to prevent material-damage. Get medical help if you feel unwell. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Get emergency medical help immediately. Specific treatment (see First Aid section). Wash contaminated clothing

# Safety Data Sheet

before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get emergency medical help immediately. Specific treatment (see First Aid section). IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see First Aid section). IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.

**STORAGE:** ..... Store locked up. Store in a corrosion resistant container with a resistant inner liner.

**DISPOSAL:** ..... Dispose of container and contents in accordance with local regulations.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Benzenesulfonic acid, C <sub>10-16</sub> -alkyl derivs.	68584-22-5
Phosphoric acid	7664-38-2
Citric acid	77-92-9
Hydrofluoric acid	7664-39-3
2-Butoxyethanol	111-76-2

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):** .. Maintain adequate ventilation in work area. If this product is inhaled or if you feel unwell, remove to fresh air and keep comfortable for breathing. If able, treat areas of nose and mouth with 2.5% Calcium Gluconate gel or a cold aqueous solution of 0.13% Benzalkonium Chloride. Do NOT apply either treatment option directly to the eyes; and do NOT take internally. Get emergency medical attention immediately!

**SWALLOWING (INGESTION):**.. DO NOT INDUCE VOMITING! Rinse mouth, then drink a large quantity of water, followed by either milk or a minimum of 2 teaspoons of milk of magnesia. Do not attempt to give liquids to an unconscious person. Get emergency medical attention immediately!

**EYES:** ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. If able, treat areas around eyes and face with 2.5% Calcium Gluconate gel or a cold aqueous solution of 0.13% Benzalkonium Chloride. Do NOT apply either treatment option directly to the eyes. Get immediate emergency medical attention by an eye specialist!

## Safety Data Sheet

**SKIN (DERMAL):** ..... Immediately take off all contaminated clothing. Rinse completely from skin with large quantity of fresh water. Treat skin with 2.5% Calcium Gluconate gel or a cold aqueous solution of 0.13% Benzalkonium Chloride. Do NOT apply either treatment option to the eyes. Get emergency medical attention immediately!

*NOTE: Benzalkonium Chloride can be purchased from most drug stores as "Zephiran Chloride" concentrate (Winthrop). To make the solution, dilute "Zephiran Chloride" concentrate 1 ounce to 1 gallon of water.*

### 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... This product is non-flammable.

**EXTINGUISHING MEDIA:** ..... Use extinguishing media suitable for materials already burning. Water fog and fine water spray types are not recommended.

**SPECIAL FIRE FIGHTING PROCEDURES:**..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA with a plastic hood window.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**..... Adding water to concentrated-acid solutions can evolve heat.

### 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:**..... Dike and absorb spillage to prevent release into streams or sewer systems, as well as material-damage. Consult local, state and federal authorities.

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

### 7 – HANDLING and STORAGE

**STORAGE:**..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Store locked up and keep only in original packaging or in a corrosion resistant container. Do NOT store in metal or glass containers. Product mist will etch glass and corrode metal. Store away from silica-based materials. Do NOT store product in an unmarked container.

**HANDLING:**..... Maintain adequate ventilation in work area. Avoid and prevent all routes of exposure to this product. Wear eye, face, skin and respiratory protection when exposure to product is likely. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep out of reach of children.

*ATTENTION: Do NOT reuse empty container. Empty containers retain vapor and product residue, which can be dangerous.*

# Safety Data Sheet

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator for acid gases.

**PROTECTIVE CLOTHING:**..... Neoprene, Butyl or Nitrile gloves with 8-mil thickness or greater. Chemical splash goggles and face shield. Protective outerwear and boots.

**ADDITIONAL MEASURES:**..... Under normal use according to label instructions, special protection should not be necessary. Wear eye, face, and skin protection when exposure to product is likely. Keep out of reach of children.

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Benzenesulfonic acid, C <sub>10-16</sub> -alkyl derivs.	68584-22-5	No limits established
Phosphoric acid	7664-38-2	1 mg/m <sup>3</sup>
Citric acid	77-92-9	No limits established
Hydrofluoric acid	7664-39-3	3 ppm, 2 mg/m <sup>3</sup>
2-Butoxyethanol	111-76-2	50 ppm, 240 mg/m <sup>3</sup>

*\*When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:**..... Blue, transparent liquid with a sharp, irritating odor.

**ODOR THRESHOLD:** ..... N/A

**pH:** ..... 1.0 – 3.0

**MELTING POINT:** ..... N/A

**FREEZING POINT:** ..... N/A

**BOILING POINT:**..... 210 degrees F.

**BOILING POINT RANGE:** ..... N/A

**FLASHPOINT:**..... This product is non-flammable.

**EVAPORATION RATE:** ..... N/A

**FLAMMABILITY (solid/gas):** ... N/A

**EXPLOSION LIMITS:**..... N/A

**VAPOR PRESSURE:**..... N/A

**VAPOR DENSITY (AIR=1):** ..... N/A

**SPECIFIC GRAVITY:** ..... 1.08

**SOLUBILITY IN WATER:** ..... Completely soluble.

**PARTITION COEFFICIENT:** ..... N/A

**AUTO-IGNITION TEMPERATURE:**.....N/A

**DECOMPOSITION TEMPERATURE:** .....N/A

**VISCOSITY:** ..... Water thin.

# Safety Data Sheet

## 10 – STABILITY and REACTIVITY

**STABILITY:** ..... Stable under normal conditions.  
**INCOMPATIBILITY:** ..... Do not mix with caustics, strong oxidizing/reducing agents, ferrous metals, aluminum, zinc, magnesium, glass, silica-based compounds, or other acid-sensitive materials/mixtures.  
**HAZARDOUS DECOMPOSITION:** ..... Carbon oxides, phosphorous oxides, fluorine gas, fluorine oxides, sulfur oxides.  
**HAZARDOUS POLYMERIZATION:** ..... This product is not known to polymerize.

## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Absorption through skin and eyes. Ingestion. Inhalation.  
**LISTED CARCINOGEN:** .....

### IARC:

**LISTED CARCINOGEN:** ..... Strong inorganic acid mists containing Sulfuric acid.  
**C.A.S. NUMBER:** ..... 7664-93-9  
**GROUP/CLASSIFICATION:** ..... 1 / Carcinogenic to Humans.

### OSHA:

**LISTED CARCINOGEN:** ..... Not listed.  
**C.A.S. NUMBER:** .....  
**GROUP/CLASSIFICATION:** .....

### NTP:

**LISTED CARCINOGEN:** ..... Strong inorganic acid mists containing Sulfuric acid.  
**C.A.S. NUMBER:** ..... 7664-93-9  
**GROUP/CLASSIFICATION:** ..... Known to be a human carcinogen.

*Sulfuric acid is not very volatile, so workplace exposures are therefore primarily due to accidental splashes or processes/actions that generate an acid mist. Sulfuric acid is not specifically listed as a carcinogen by OSHA, NTP, IARC, or the ACGIH. However, the IARC, the ACGIH and the NTP have concluded there is sufficient evidence that occupational exposure to strong inorganic acid mists containing Sulfuric acid is carcinogenic or potentially carcinogenic to humans.*

**MEDICAL CONDITION AGGRAVATED:** ..... May aggravate pre-existing dermatitis and asthma or other breathing disorders.

**INHALATION:** ..... Undiluted product can harmful if inhaled; and can cause severe irritation, redness, burns or other damage to the mouth, nose and respiratory tract. Prolonged or repeated exposure may lead to edema and damage to the blood, bones and respiratory system.

**INGESTION:** ..... Undiluted product can be toxic if swallowed; can cause severe irritation, burns or other damage to the mouth, esophagus and stomach. Prolonged or repeated exposure can cause damage to the blood, kidneys, bones and liver.

# Safety Data Sheet

**EYES:** ..... Undiluted product can be fatal; and can cause serious irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes.

**SKIN (DERMAL):** ..... Undiluted product can be fatal in contact with skin; and can cause severe irritation, redness, burns or other damage to the skin and underlying tissue that may or may not be immediately painful, if left untreated. Prolonged or repeated exposure can also damage blood, kidneys, bones and liver.

*Treat all exposures as serious.*

**ACUTE TOXICITY\* (ORAL):** .....146.02 mg/kg

**ACUTE TOXICITY\* (DERMAL):** .....152.44 mg/kg

**ACUTE TOXICITY\* (INHALATION):** .....15.24 mg/l (Vapor)

*\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6).*

## 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

## 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

## 14 – TRANSPORTATION INFORMATION

### U.S. DOT:

**PROPER SHIPPING NAME:** .... Corrosive liquids, toxic, n.o.s. (contains Hydrofluoric acid, Phosphoric acid)

**HAZARD CLASS:** ..... 8, 6.1

**UN/NA NUMBER:** ..... UN 2922

**PACKAGING GROUP:** ..... II

### IMDG:

**PROPER SHIPPING NAME:** .... CORROSIVE LIQUID, TOXIC, N.O.S. (HYDROFLUORIC ACID, PHOSPHORIC ACID)

**HAZARD CLASS:** ..... 8, 6.1

**UN/NA NUMBER:** ..... UN 2922

**PACKAGING GROUP:** ..... II

### IATA:

**PROPER SHIPPING NAME:** .... Corrosive liquid, toxic, n.o.s (Hydrofluoric acid, Phosphoric acid)

**HAZARD CLASS:** ..... 8, 6.1


**UN/NA NUMBER:** ..... UN 2922

**PACKAGING GROUP:** ..... II

# Safety Data Sheet

## 15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

**CALIFORNIA PROPOSITION 65:** ..... **WARNING:** This product can expose you to chemicals including 1,4-Dioxane, which are known to the State of California to cause cancer, and Sulfur dioxide, which is known to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

INGREDIENT	C.A.S. NUMBER	LISTED DATE
1,4-Dioxane	123-91-1	01/01/1988 (Cancer)
Sulfur dioxide	7446-09-5	07/29/2011 (Developmental Toxicity)
Strong inorganic acid mists containing sulfuric acid	---	03/14/2003 (Cancer)

## 16 – OTHER INFORMATION

**NFPA:**  
**HEALTH:** ..... 4  
**FLAMMABILITY:**..... 0  
**REACTIVITY:** ..... 1  
**OTHER:** ..... Acid

**ADDITIONAL:** ..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**REVISION DATE:**..... 04/17/2025