

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Simoniz ABX
PRODUCT TYPE: Acidic Liquid Cleaning Compound
PRODUCT NUMBER: A0015XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER: A0015XXX

COMPANY:..... **Simoniz USA, Inc.**
201 Boston Turnpike
Bolton, CT 06043
1-800-227-5536
www.simoniz.com

EMERGENCY PHONE: (800) 255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:Acute Toxicity, Dermal (1) Skin Corrosion (1A) Serious Eye Damage (1) Specific Target Organ Toxicity, Repeated Exposure (1) Acute Toxicity, Oral (2) Acute Toxicity, Inhalation (2)

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Fatal in contact with skin, if swallowed or if inhaled. Causes severe skin burns and eye damage. Causes damage to organs through prolonged or repeated exposure (Respiratory system, eyes, skin, bones).

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. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection.

RESPONSE: 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 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

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with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get emergency medical help.

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

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
Hydrofluoric Acid	7664-39-3
Phosphoric Acid	7664-38-2
2-Butoxy Ethanol	111-76-2
Lauryl Dimethylamine Oxide	70592-80-2

Percentages of ingredients are being withheld as trade secret information. 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, get immediate emergency medical attention!

SWALLOWING (INGESTION): . DO NOT INDUCE VOMITING! 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 immediate emergency medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and get immediate medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

SKIN (DERMAL): Rinse completely from hands, face and clothing. Flush skin with fresh water for at least 15 minutes. Treat skin with iced or cold aqueous solution of Benzalkonium Chloride 0.13%. This can be purchased from most drug stores as "Zephiran Chloride" concentrate (Winthrop). To make solution, dilute "Zephiran Chloride" concentrate 1 ounce to 1 gallon of water. Get immediate emergency medical treatment! Do NOT apply this solution to the eyes.

NOTE TO PHYSICIAN: Calcium Gluconate gel (2.5%) may also be used to treat skin exposures.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT: This product is non-flammable.

EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.

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: None known.

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6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

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

7 – HANDLING and STORAGE

STORAGE:..... Do NOT store in metal or glass containers. Product mist will etch glass and corrode metal. Store at ambient temperatures. Keep from freezing. Store in a well-ventilated place and keep container tightly closed. Store locked up and do NOT store product in an unmarked container.

HANDLING:..... Avoid all routes of exposure to this product. Wear protective clothing if product is likely to splash. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: If necessary, use an OSHA approved respirator for acid gases.

PROTECTIVE CLOTHING:..... Nitrile, vinyl or neoprene gloves. 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 protective clothing if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Hydrofluoric Acid	7664-39-3	3 ppm
Phosphoric Acid	7664-38-2	1 mg/m ³
2-Butoxy Ethanol	111-76-2	50 ppm, 240 mg/m ³
Lauryl Dimethylamine Oxide	70592-80-2	No limits established

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:..... Transparent liquid with a sharp, irritating odor.

ODOR THRESHOLD:..... N/A

pH:..... Less than 2.0

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

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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

10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.
HAZARDOUS DECOMP.:..... This product not known to polymerize.
INCOMPATIBILITY:..... Ferrous metals, aluminum, zinc, magnesium and any other acid sensitive materials. Glass, silica and any silicone oxide based materials.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY:..... Inhalation. Absorption through skin and eyes. Ingestion.
LISTED CARCINOGEN: None over 0.1%.
MEDICAL CONDITION AGGRAVATED:.....May aggravate pre-existing dermatitis and asthma.
INHALATION:..... This product can cause serious irritation and damage to lungs and respiratory tract if inhaled or through repeated exposure. Damage to lungs may result in edema and asthma-like symptoms.
INGESTION: This product can cause burns and serious damage to mouth, esophagus and stomach. Damage to other organs such as blood, kidneys, bones and liver may occur after exposure.
EYES: This product can cause serious burns, blindness or other damage upon contact with eyes.
SKIN (DERMAL):..... This product can cause severe burns that may or may not be immediately painful. This product will also damage underlying tissues such as nerves and bones. Treat all exposures as serious. Prolonged or repeated exposure that is left untreated may lead to damage of blood, liver and kidneys as well.
ACUTE TOXICITY* (ORAL):.....16.99 mg/kg
ACUTE TOXICITY* (DERMAL):.....17.02 mg/kg
ACUTE TOXICITY* (INHALATION):.....1.7 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.

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14 – TRANSPORTATION INFORMATION

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 : I

15 – REGULATIONS

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

16 – OTHER INFORMATION

NFPA HEALTH: 4

NFPA FLAMMABILITY: 0

NFPA REACTIVITY: 1

NFPA 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: 10/12/2023