

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Z-100 Purple  
**PRODUCT TYPE:** ..... Alkaline liquid cleaning compound  
**PRODUCT NUMBER:** ..... Z4569XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... Z4569XXX

**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:** ....Skin Corrosion (1) Serious Eye Damage (1)  
Corrosive to Metals (1)

**SYMBOLS:** .....



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

**HAZARD STATEMENT:** ..... Causes severe skin burns and eye damage. May be corrosive to metals.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection. Keep only in original packaging.

**RESPONSE:** ..... Absorb spillage to prevent material-damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. 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 emergency 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.

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## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Sodium Hydroxide	1310-73-2
2-Butoxyethanol	111-76-2
Disodium Metasilicate	6834-92-0
4-Nonylphenol, branched, ethoxylated	127087-87-0

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 signs of discomfort or irritation occur, remove to fresh air. If symptoms persist or burns occur, get immediate medical attention!

**SWALLOWING (INGESTION):**.. DO NOT INDUCE VOMITING! Rinse mouth, then drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

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

**SKIN (DERMAL):** ..... Immediately take off all contaminated clothing. Flush from skin with large quantity of fresh water for several minutes. If burns occur or irritation persists, get immediate medical attention! Wash contaminated clothing before reuse.

## 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.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** .....None known.

## 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.

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## 7 – HANDLING and STORAGE

**STORAGE:**..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Store locked up. Keep in original packaging or in a corrosion resistant container. Do NOT store this product in an unmarked container.

**HANDLING:**..... Maintain adequate ventilation of work area. Wear eye, face and skin protection if product is likely to splash. Avoid breathing product mist and spray. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

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

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**PROTECTIVE CLOTHING:**..... Nitrile or PVC gloves, chemical splash goggles, 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 if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>
2-Butoxyethanol	111-76-2	50 ppm, 240 mg/m <sup>3</sup>
Disodium Metasilicate	6834-92-0	No limits established
4-Nonylphenol, branched, ethoxylated	127087-87-0	No limits established

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

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:**..... Purple transparent liquid with no significant odor.

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

**pH:** ..... 13.8 – 14.0

**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

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**SPECIFIC GRAVITY:** ..... 1.09  
**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.  
**INCOMPATIBILITY:** ..... Do not mix with acids other chemicals.  
**HAZARDOUS DECOMPOSITION:** .....Carbon Oxides, Silicon 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:** ..... None over 1.0%.  
**MEDICAL CONDITION AGGRAVATED:** .....May aggravate pre-existing dermatitis.  
**INHALATION:** ..... Undiluted product may cause irritation, burns or other damage to the mouth, nose and respiratory tract if inhaled.  
**INGESTION:** ..... Undiluted product can cause irritation, burns or other damage to the mouth, esophagus and stomach, if swallowed.  
**EYES:** ..... Undiluted product can cause severe irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes.  
**SKIN (DERMAL):** ..... Undiluted product can cause severe irritation, redness and burns if not immediately flushed from skin.  
**ACUTE TOXICITY\* (ORAL):** .....>5,000 mg/kg  
**ACUTE TOXICITY\* (DERMAL):** .....>5,000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):** .....>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

*\*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:** .... Compounds, cleaning liquid (contains Sodium hydroxide, Disodium trioxosilicate)

**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... NA 1760

**PACKAGING GROUP:** ..... III

**IMDG:**

**PROPER SHIPPING NAME:** .... CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE)


**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... UN 1719

**PACKAGING GROUP:** ..... III

## 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 Ethylene Oxide, which are 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 <i>(Cancer)</i>
Acetaldehyde	75-07-0	04/01/1988 <i>(Cancer)</i>
Ethylene Glycol <i>(ingested)</i>	107-21-1	06/19/2015 <i>(Developmental Toxicity)</i>
Ethylene Oxide	75-21-8	07/01/1987 <i>(Cancer)</i> 08/07/2009 <i>(Developmental &amp; Male Reproductive Toxicity)</i> 02/27/1987 <i>(Female Reproductive Toxicity)</i>

## 16 – OTHER INFORMATION

**NFPA HEALTH:** ..... 3

**NFPA FLAMMABILITY:** ..... 0

**NFPA REACTIVITY:** ..... 1

**NFPA OTHER:** ..... Alkali

## Safety Data Sheet

**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:**..... 04/23/2024