

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... EPIC Breakthru Enzymatic Floor Cleaner  
**PRODUCT TYPE:** ..... Neutral Liquid Cleaning Compound  
**PRODUCT NUMBER:** ..... E2107XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... E2107XXX

**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:** ....Serious Eye Irritation (2) Skin Irritation (3)  
**SYMBOLS:** .....



**SIGNAL WORD:**..... WARNING!

**HAZARD STATEMENT:** ..... Causes serious eye irritation. Causes mild skin irritation.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Wash hands thoroughly after handling. Do not touch eyes. Wear eye protection / face protection.

**RESPONSE:** ..... If skin irritation occurs: Get medical help. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

**STORAGE:**..... N/A

**DISPOSAL:** ..... N/A

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Alcohols, C <sub>9-11</sub> , ethoxylated	68439-46-3
Tetrasodium ethylenediaminetetraacetate	64-02-8

*(Continued on next page)*

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INGREDIENT	C.A.S. NUMBER
Laboratory-controlled bacterial culture	Not Required
Fragrance	Not Required

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):** .. Not likely to be inhaled in hazardous amounts. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist, seek 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. Seek medical attention.
- EYES:** ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, seek medical attention.
- SKIN (DERMAL):** ..... Flush from skin and clothing with large amounts of fresh water. If irritation occurs, seek 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.

## 7 – HANDLING and STORAGE

- STORAGE:** ..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container.
- HANDLING:** ..... Wear eye protection if product is likely to splash. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**PROTECTIVE CLOTHING:** ..... Nitrile or PVC gloves, and chemical splash goggles.

**ADDITIONAL MEASURES:** ..... Under normal use according to label instructions, special protection should not be necessary. Wear eye 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
Alcohols, C <sub>9-11</sub> , ethoxylated	68439-46-3	No limits established
Tetrasodium ethylenediaminetetraacetate	64-02-8	No limits established
Laboratory-controlled bacterial culture	Not Required	No limits established
Fragrance	Not Required	No limits established

*\*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:** ..... Green, slightly hazy liquid. Floral scented.

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

**pH:** ..... 6.5 – 9.5

**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):** ..... Greater than 1.

**SPECIFIC GRAVITY:** ..... 1.02

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

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

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

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

**VISCOSITY:** ..... Water thin to slight body.

## 10 – STABILITY and REACTIVITY

**INCOMPATIBILITY:** ..... Do not mix with corrosive material or other detergents, as they may inactivate bacterial cultures.

**HAZARDOUS DECOMPOSITION:** ..... Carbon oxides, sodium oxides, nitrous oxides.

**HAZARDOUS POLYMERIZATION:** ..... This product is not known to polymerize.

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## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Absorption through eyes and skin. Ingestion. Not likely to be inhaled in hazardous amounts.

**LISTED CARCINOGEN:** ..... None over 0.1%.

**MEDICAL CONDITION AGGRAVATED:** ..... May aggravate pre-existing dermatitis in people with sensitive skin.

**INHALATION:** ..... Inhaling significant amounts of undiluted product may cause discomfort and irritation to the mouth, nose and respiratory tract.

**INGESTION:** ..... Undiluted product may cause discomfort and irritation to the mouth, esophagus and stomach if ingested. Ingesting large amounts may be harmful to health.

**EYES:** ..... Undiluted product can cause serious irritation and redness if not immediately flushed from eyes.

**SKIN (DERMAL):** ..... Undiluted product can cause discomfort, mild irritation and redness to the exposed area if not 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.

## 14 – TRANSPORTATION INFORMATION

**DOT:**

**PROPER SHIPPING NAME:** .... Not regulated for domestic shipments acc. DOT HMR.

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

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

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

**IMDG:**

**PROPER SHIPPING NAME:** .... Not regulated for international shipments acc. IMDG CODE.

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

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

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

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IATA:

PROPER SHIPPING NAME: .... Not regulated for international shipments acc. IATA DGR.


HAZARD CLASS: .....

UN/NA NUMBER: .....

PACKAGING GROUP: .....

## 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 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)
Ethylene oxide	75-21-8	07/01/1987 (Cancer)
		08/07/2009 (Developmental & Male Reproductive Toxicity)
		02/27/1987 (Female Reproductive Toxicity)

## 16 – OTHER INFORMATION

NFPA:

HEALTH: ..... 2

FLAMMABILITY: ..... 0

REACTIVITY: ..... 0

OTHER: ..... None

**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: ..... 10/07/2024