

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Simoniz Shield Lemon  
**PRODUCT TYPE:** ..... Liquid Cationic Drying Agent  
**PRODUCT NUMBER:** ..... T3776XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... T3776XXX

**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 (2A) Skin Irritation (2)  
Acute Toxicity, Oral (5)

**SYMBOLS:** .....



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

**HAZARD STATEMENT:** ..... Causes serious eye irritation. Causes skin irritation. May be harmful if swallowed.

### PRECAUTIONARY STATEMENTS:

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

**RESPONSE:** ..... 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. IF ON SKIN: Wash with plenty of fresh water and soap. Specific treatment (see First Aid section). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Get medical help.

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

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

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## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
2-Butoxyethanol	111-76-2
Distillates (petroleum), hydrotreated middle	64742-46-7
Quaternary Ammonium Salt	Proprietary
Fragrance	Not Listed
Hexylene glycol	107-41-5

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 if you feel unwell, 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. Get immediate 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. Discontinue use if irritation persists or a rash develops. 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:**..... Maintain adequate ventilation in work area. Store in a cool, well-ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container.

**HANDLING:**..... Wear eye and hand protection if product is likely to splash. 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, and chemical splash goggles.

**ADDITIONAL MEASURES:**..... Under normal use according to label instructions, special protection should not be necessary. Wear eye and hand 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
2-Butoxyethanol	111-76-2	50 ppm, 240 mg/m <sup>3</sup>
Distillates (petroleum), hydrotreated middle	64742-46-7	500 ppm, 2000 mg/m <sup>3</sup>
Quaternary Ammonium Salt	Proprietary	No limits established
Fragrance	Not Listed	No limits established
Hexylene glycol	107-41-5	NIOSH: 25 ppm, 125 mg/m <sup>3</sup> (C)

*\*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:**..... Red transparent liquid. Lemon scented.

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

**pH:**..... 6.8 – 8.5

**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

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**FLAMMABILITY (solid/gas):** ... N/A  
**EXPLOSION LIMITS:**..... N/A  
**VAPOR PRESSURE:** ..... N/A  
**VAPOR DENSITY (AIR=1):** ..... Greater than 1.  
**SPECIFIC GRAVITY:** ..... 0.97  
**SOLUBILITY IN WATER:** ..... Completely soluble.  
**PARTITION COEFFICIENT:** ..... N/A  
**AUTO-IGNITION TEMPERATURE:**.....N/A  
**DECOMPOSITION TEMPERATURE:** .....N/A  
**VISCOSITY:** ..... Slight body.

### 10 – STABILITY and REACTIVITY

**STABILITY:** ..... Stable under normal conditions.  
**INCOMPATIBILITY:**..... Do not mix with strong oxidizing/reducing agents or other chemicals.  
**HAZARDOUS DECOMPOSITION:**..... Carbon oxides, nitrous oxides, chlorine gas and/or chlorine compound fumes.  
**HAZARDOUS POLYMERIZATION:** .....This product not known to polymerize.

### 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Absorption through skin and eyes. Ingestion. Inhalation.  
**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:** .....May aggravate pre-existing dermatitis.  
**INHALATION:** ..... Inhaling significant amounts of undiluted product may cause irritation to the mouth, nose and respiratory tract; and may even be fatal if significant amount enters airways.  
**INGESTION:** ..... Undiluted product may be harmful to health; and may cause irritation to the mouth, esophagus and stomach, if ingested. Undiluted product may even be fatal if large amounts are swallowed and then significant amount enters airways.  
**EYES:** ..... Undiluted product can cause serious irritation and redness if not immediately flushed from eyes.  
**SKIN (DERMAL):** ..... Undiluted product can cause irritation and redness to the exposed area if not flushed from skin. Prolonged exposure may also defat the exposed area of skin resulting in discomfort and dermatitis.  
**ACUTE TOXICITY\* (ORAL):** .....4,604.05 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).*

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## 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:** .....

**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 Ethylene oxide, which is known to the State of California 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
Ethylene oxide	75-21-8	07/01/1987 (Cancer)
		08/07/2009 (Developmental & Male Reproductive Toxicity)
		02/27/1987 (Female Reproductive Toxicity)

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## 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:**..... 08/07/2024