

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Quat 32 Lemon
PRODUCT TYPE: Liquid Disinfectant
PRODUCT NUMBER: Q3002XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER: Q3001XXX

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: Skin irritation (2) Eye irritation (2A)

SYMBOLS:



SIGNAL WORD:..... WARNING!

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

PRECAUTIONARY STATEMENTS:

PREVENTION: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

STORAGE:..... Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well-ventilated place.

DISPOSAL: Dispose of contents/container in accordance with local regulation.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	Weight (%)
Water	7732-18-5	95-100
Proprietary Ingredients	Proprietary	1-10
Quaternary Ammonium Chloride	7173-51-5	>=0.5 - <1
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	>=0.5 - <1
Ethanol	64-17-5	>=.03 - <0.5

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4 – FIRST-AID MEASURES

BREATHING (INHALATION):... Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.

SWALLOWING (INGESTION): . Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

EYES: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately.

SKIN (DERMAL): After contact with skin, wash immediately with plenty of soap and water. Consult a physician.

5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry powder or water spray or foam.

SPECIAL FIRE FIGHTING PROCEDURES: In the event of fire, wear self-contained breathing apparatus.

6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Use respirator when performing operations involving potential exposure to vapour of the product.

ENVIRONMENTAL PRECAUTIONS: Prevent product from entering drains.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not flush into surface water or sanitary sewer system.

7 – HANDLING and STORAGE

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION: .. Take precautionary measures against static discharges.

ADVICE ON SAFE HANDLING: Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin and eyes.

CONDITIONS FOR SAFE STORAGE: .. Keep container tightly closed and dry.

FURTHER INFORMATION ON STORAGE CONDITIONS: Storage temperature: < 60°C. Keep away from food, drink and animal feedingstuffs.

TECHNICAL MEASURES/PRECAUTIONS: Storage temperature: < 60°C. Keep away from food, drink and animal feedingstuffs.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

Components	CAS-No.	Value Type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	STEL	1,000 ppm	ACGIH
		REL	1,000 ppm 1,900 mg/m3	NIOSH/GUIDE

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PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: In the case of vapour formation use a respirator with an approved filter.

Hand protection: Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection: Tightly fitting safety goggles

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Transparent yellow liquid. Lemon fragrance.

ODOR THRESHOLD: N/A

pH: 10-11

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: 1.01

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

REACTIVITY: Stable under recommended storage conditions.

CHEMICAL STABILITY: Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None known. Stable.

CONDITIONS TO AVOID: None known.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases and vapours.

11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

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SKIN CORROSION/IRRITATION

Species: Rabbit

Result: Severe skin irritation

SERIOUS EYE DAMAGE/EYE IRRITATION

Species: Rabbit

Result: Severe eye irritation

Carcinogenicity

IARC..... No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH..... Confirmed animal carcinogen with unknown relevance to humans. Ethanol 64-17-5

Further information..... Remarks: Information given is based on data on the components and the toxicology of similar products

12 – ECOLOGICAL INFORMATION

ECOTOXICITY

no data available

PERSISTENCE AND DEGRADABILITY

no data available

BIOACCUMULATIVE POTENTIAL

Components:

Didecyltrimethylammonium chloride:

Partition coefficient: n-octanol/water:no data available

Alkyl (C12-16) dimethylbenzyl ammonium chloride:

Partition coefficient: n-octanol/water:log Pow: 2.75 (20 °C)

Method: OECD Test Guideline 107

GLP: yes

Ethanol:

Partition coefficient: n-octanol/water:log Pow: -0.3

MOBILITY IN SOIL

no data available

OTHER ADVERSE EFFECTS

Ozone-Depletion Potential: Regulation: US. EPA Clean Air Act (CAA)
Section 602 Ozone-Depleting Substances
(40 CFR 82, Subpt. A, App A & B)
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

ADDITIONAL ECOLOGICAL INFORMATION:.....There is no data available for this product.

13 –DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: ... Dispose of as unused product.

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14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not D.O.T. regulated.

HAZARD CLASS:

UN/NA NUMBER:

PACKAGING GROUP :

15 - REGULATIONS

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

EPA Registration number: 47371-36

Signal word: WARNING!

Hazard statements: Harmful if absorbed through skin. Causes substantial but temporary eye injury.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:

PMRA Registration number: 47371-36

Signal word: WARNING!

Hazard statements: Harmful if absorbed through skin. Causes substantial but temporary eye injury.

EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT

CERCLA Reportable Quantity Components

N/A

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Components	CAS-No.	Concentration
Ethanol	64-17-5	>= 0.1 - < 1 %

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This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US STATE REGULATIONS

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Components	CAS-No.
Water	7732-18-5

New Jersey Right To Know

No components are subject to the New Jersey Right to know act

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

CANADIAN LISTS

NPRI.

Components	CAS-No.
Nonylphenol branched ethoxylated	127087-87-0

16 – OTHER INFORMATION

NFPA HEALTH: 1
NFPA FLAMMABILITY:..... 0
NFPA REACTIVITY: 0
NFPA 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:..... 06/11/2024