

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Aqua Pak Formula Red  
**PRODUCT TYPE:** ..... Liquid Disinfectant  
**PRODUCT NUMBER:** ..... A0278XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... A0278XXX

**COMPANY:** ..... **Simoniz USA, Inc.**  
201 Boston Turnpike  
Bolton, CT 06043  
1-800-227-5536  
[www.simoniz.com](http://www.simoniz.com)  
**EMERGENCY PHONE:**..... (800) 255-3924 (CHEM-TEL)

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:**..... Flammable liquids (3) Acute Toxicity Oral (3) Acute Toxicity Inhalation (2) Skin Corrosion (1A) Serious Eye Damage (1) Target Organ Toxicity- Single Exposure (1)

**SYMBOLS:**.....



**SIGNAL WORD:**..... DANGER!  
**HAZARD STATEMENT:**..... Flammable liquid and vapor. Toxic if swallowed. Fatal if inhaled Causes severe skin burns and eye damage. Causes serious eye damage. May causes damage to organs.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Use only outdoors or in well-ventilated area. Ground/bound container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product Do not get in eyes, on skin, or on clothing Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Avoid release to the environment.

**RESPONSE:**..... Collect spillage. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): . Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present

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and easy to do – continue rinsing. Immediately Call a POISON CENTER or doctor/physician. Specific treatment is urgent (see this label). Wash contaminated clothing before reuse. In case of fire: use appropriate media to extinguish.

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

**DISPOSAL:** ..... Dispose of container and contents in accordance with local regulations.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (%)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	30-70
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	15-30
Water	7732-18-5	8-15
Ethyl alcohol	64-17-5	1-10
Hexylene Glycol	107-41-5	1-5

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):** ... If this product is inhaled, get immediate 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 medical attention!

**EYES:** ..... Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get immediate medical attention!

**SKIN (DERMAL):** ..... Rinse completely from hands, face and clothing. Flush skin with fresh water for at least 15 minutes. Get immediate medical treatment!

**NOTE TO PHYSICIAN:** ..... Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... 112 degrees F

**EXTINGUISHING MEDIA:**..... Water fog. Dry chemical powder, Carbon dioxide (CO2).

**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:**..... Do not use water jet, as this will spread the fire

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## 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** ..... Dike to prevent spillage into streams or sewer systems. Eliminate all ignition sources. Wear proper PPE while conducting spill operations. Consult local, state and federal authorities.

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

## 7 – HANDLING and STORAGE

**STORAGE:** ..... Do not handle, store or open near an open flame, sources of heat or sources of ignition. Store in well-ventilated, cool atmosphere. Protect material from direct sunlight. Do not store near water or food. **DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.**

**HANDLING:** ..... Wear proper personal protective equipment. Avoid prolonged exposure. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## 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 eye protection if product is likely to splash. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

INGREDIENT	C.A.S. NUMBER	PEL
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	No limits established
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	No limits established
Water	7732-18-5	No limits established
Ethyl alcohol	64-17-5	1900 mg/m <sup>3</sup> PEL, TWA
Hexylene Glycol	107-41-5	No limits established

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... Red liquid with a pleasant odor.

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

**pH:** ..... 7.68

**MELTING POINT:** ..... N/A

**FREEZING POINT:** ..... N/A

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**BOILING POINT:**..... 210 degrees F.  
**BOILING POINT RANGE:**..... N/A  
**FLASHPOINT:**..... 112 degrees F PMCC  
**EVAPORATION RATE:**..... N/A  
**FLAMMABILITY (solid/gas):**.... N/A  
**EXPLOSION LIMITS:**..... N/A  
**VAPOR PRESSURE:** ..... N/A  
**VAPOR DENSITY (AIR=1):**..... N/A  
**SPECIFIC GRAVITY:** ..... 0.94  
**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

**STABILITY:** ..... Stable under normal conditions.  
**HAZARDOUS DECOMP.:** ..... This product not known to polymerize.  
**INCOMPATIBILITY:** ..... Strong oxidizing agents. Anionic surfactants.

### 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Inhalation, skin absorption, or ingestion.  
**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:**.....None known.  
**INHALATION:**..... Not likely, due to form of the product. Inhalation of significant amounts of this product can cause damage to lungs resulting in edema. If victim shows signs of distress, remove to fresh air and get immediate medical attention. Fatal if inhaled. .  
**INGESTION:**..... This material can cause burns and serious damage to throat, esophagus and stomach. Toxic if swallowed.  
**EYES:** ..... Can cause serious burns and/or blindness.  
**SKIN (DERMAL):** ..... This product can cause burns that are not immediately painful. This product will also damage underlying tissues such as nerves or bone. Treat all exposures as serious.  
**ACUTE TOXICITY\* (ORAL):**..... 100 mg/kg  
**ACUTE TOXICITY\* (DERMAL):**.. >2000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):**..... 0.5 mg/l (Vapor)

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

### 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** Very toxic to aquatic life with long lasting effects. Readily biodegradable.

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## 13 –DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.  
Pesticide wastes are acutely hazardous.

## 14 – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:**..... Flammable liquid, Corrosive, N.O.S. (Ethanol, Quaternary Ammonium Chloride)  
**HAZARD CLASS:**..... 8  
**UN/NA NUMBER:** ..... UN 2924  
**PACKAGING GROUP :**..... III

## 15 - REGULATIONS

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

## 16 – OTHER INFORMATION

**NFPA HEALTH:** ..... 3  
**NFPA FLAMMABILITY:** ..... 2  
**NFPA REACTIVITY:** ..... 0  
**NFPA OTHER:** ..... N/A  
**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:**..... 08/29/15