

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Max 23  
**PRODUCT TYPE:** ..... Acidic Liquid Cleaning Compound  
**PRODUCT NUMBER:** ..... M1243XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... M1243XXX

**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:**..... Acute Toxicity Oral (4) Acute Toxicity Inhalation (3) Skin Corrosion (1A) Serious Eye Damage (1) Target Organ Toxicity- Single Exposure (1) Target Organ Toxicity - Repeated Exposure (1)

**SYMBOLS:**.....



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

**HAZARD STATEMENT:**..... Harmful if swallowed. Toxic if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:** ..... 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection Contaminated work clothing should not be allowed out of the workplace.

**RESPONSE:**..... **IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician Specific treatment (see First AID Section on this label). Call a POISON CENTER or doctor/physician if you feel unwell. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

# Safety Data Sheet

CENTER or doctor/physician IF ON SKIN (or hair):  
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

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

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

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (%)
Water	7732-18-5	70-80
Hydrochloric Acid	7647-01-0	15-25
Nonylphenoxypolyethyleneoxyethanol	9016-45-9	2-4
Quaternary Ammonium Chloride Compound	Mixture	1-3

## 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:** ..... Inhalation, skin absorption, or ingestion.

**SKIN (DERMAL):** ..... Immediately flush from skin and clothing with large amounts of fresh water. Get immediate medical attention. Rewash contaminated clothing before wearing.

## 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... This product is non-flammable.

**EXTINGUISHING MEDIA:**..... This product is non-flammable. 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 with a plastic hood window.

**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.

# Safety Data Sheet

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

## 7 – HANDLING and STORAGE

**STORAGE:** ..... Do not store in metal containers. Store at ambient temperatures. Keep from freezing. **DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.**

**HANDLING:** ..... 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.

## 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
Water	7732-18-5	No limits established
Hydrochloric Acid	7647-01-0	5 ppm PEL, STEL
Nonylphenoxy polyethyleneoxyethanol	9016-45-9	No limits established
Quaternary Ammonium Chloride Compound	mixture	No limits established

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... White opaque liquid with a sharp, irritating odor.

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

**pH:** ..... Less than 1.0

**MELTING POINT:** ..... 210 degrees F.

**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):** ..... N/A

**SPECIFIC GRAVITY:** ..... 1.1

## Safety Data Sheet

**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.  
**HAZARDOUS DECOMP.:** ..... This product not known to polymerize.  
**INCOMPATIBILITY:** ..... Ferrous metals, aluminum, zinc, magnesium and any other acid sensitive materials.

### 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:**..... Inhalation, skin absorption, or ingestion.  
**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:**.....None known.  
**INHALATION:**..... 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.  
**INGESTION:**..... This material can cause burns and serious damage to throat, esophagus and stomach.  
**EYES:** ..... Can cause serious burns and/or blindness.  
**SKIN (DERMAL):** ..... This product may cause burns or irritation if not removed from the skin.  
**ACUTE TOXICITY\* (ORAL):**..... 1089 mg/kg  
**ACUTE TOXICITY\* (DERMAL):**.. >2000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):**.....3.89 mg/l

\*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

**PROPER SHIPPING NAME:**..... Hydrochloric Acid Solution  
**HAZARD CLASS:**..... 8  
**UN/NA NUMBER:** ..... UN 1789  
**PACKAGING GROUP :**..... II

# Safety Data Sheet

## 15 - REGULATIONS

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

## 16 – OTHER INFORMATION

**NFPA HEALTH:** ..... 3  
**NFPA FLAMMABILITY:** ..... 0  
**NFPA REACTIVITY:** ..... 0  
**NFPA OTHER:** ..... Acid

**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:**..... 08/03/15