

# SAFETY DATA SHEET

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Simoniz USA Inc.

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Bolton, Connecticut 06043  
(860) 646-0172  
www.simoniz.com

REVISION DATE:..... 10/30/13  
DATE PRINTED:.....11/19/13

PRODUCT NUMBER:.....M1243XXX  
CONTROL NUMBER:.....F1243XXX

For chemical emergency information regarding this product, call Chem-Tel at 1-800-255-3924 anytime.

PRODUCT NAME: **Max 23**

PRODUCT TYPE: .....Acidic Liquid Cleaning Compound

## SECTION II – INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Hydrochloric Acid	7647-01-0
Nonylphenoxypolyethyleneoxyethanol	9016-45-9
Quaternary Ammonium Chloride Compound	Mixture

## SECTION III – HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY:.....Inhalation, skin absorption, or ingestion.

LISTED CARCINOGEN: .....Not listed by IARC, NTP or OSHA.

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.

## SECTION IV – FIRST AID

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: .....Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and GET IMMEDIATE EMERGENCY MEDICAL ATTENTION by an eye specialist. It may be necessary to take victim to a hospital emergency room.

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

## SECTION V – FIRE AND EXPLOSION DATA

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.

## SECTION VI – RELEASE MEASURES

SPILL: .....Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

## SECTION VII – HANDLING & STORAGE

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

## SECTION VIII – EMPLOYEE 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.

## SECTION IX – PHYSICAL DATA

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

VAPOR PRESSURE:N/A

VAPOR DENSITY (AIR=1):N/A

SPECIFIC GRAVITY:1.1

pH:Less than 1.0

BOILING POINT: 210 degrees F.

SOLUBILITY IN WATER: Completely soluble.

## SECTION X – REACTIVITY DATA

STABILITY:.....Stable under normal conditions.

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

INCOMPATIBILITY:.....Ferrous metals, aluminum, zinc, magnesium and any other acid sensitive materials.

HAZARDOUS BYPRODUCTS .....Reaction with metals may liberate hydrogen chloride or hydrogen gas.

## SECTION XI – TOXICOLOGICAL INFORMATION

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Hydrochloric Acid	7647-01-0	5 ppm PEL, STEL
Nonylphenoxypolyethyleneoxyethanol	9016-45-9	No limits established
Quaternary Ammonium Chloride Compound	mixture	No limits established

## SECTION XII – ECOLOGICAL INFORMATION

This information is not available

### SECTION XIII – DISPOSAL PROCEDURES

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

### SECTION XIV – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Hydrochloric  
Acid Solution

**HAZARD CLASS AND LABEL:** 8

**ID NUMBER:** UN 1789

**PACKAGING GROUP:** II

### SECTION XV – REGULATORY INFORMATION

**WARNING:** ..... The information contained in this MSDS 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.

### SECTION XVI – OTHER INFORMATION

**NFPA HEALTH:** 3

**NFPA FLAMMABILITY:** 0

**NFPA REACTIVITY:** 0

**NFPA OTHER:** Acid