

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Lava Low  
**PRODUCT TYPE:** ..... Acidic Liquid Cleaning Compound  
**PRODUCT NUMBER:** ..... L2181XXX (Last 3 characters vary with the packaging)  
**CONTROL NUMBER:** ..... L2181XXX

**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:** ..... Skin Corrosion (1A) Serious Eye Damage (1)  
Carcinogenicity (1B) Acute Toxicity – Inhalation (4)

**SYMBOLS:**.....



**SIGNAL WORD:**..... DANGER!  
**HAZARD STATEMENT:**..... Causes severe skin burns and eye damage. Causes serious eye damage. May cause cancer.

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:** ..... Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in well-ventilated area.

**RESPONSE:**..... IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see First AID Section on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. IF exposed or concerned: Get medical advice/attention.

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**STORAGE:**..... Store locked up. Do not store in metal containers. Store at ambient temperatures. Keep from freezing. Do not transfer to unmarked containers. Keep away from children.

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

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Sulfuric Acid	7664-93-9
Phosphoric Acid	7664-38-2

Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals.

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):**... If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, 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.

## 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.

**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.

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**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
Sulfuric Acid	7664-93-9	1 mg/m3 PEL
Phosphoric Acid	7664-38-2	1mg/m3TLV,3mg/m3STEL

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... Pink transparent liquid, with a sharp, irritating odor.

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

**pH:** ..... 1.5

**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

**FLAMMABILITY (solid/gas):** ..... N/A

**EXPLOSION LIMITS:** ..... N/A

**VAPOR PRESSURE:** ..... N/A

**VAPOR DENSITY (AIR=1):** ..... N/A

**SPECIFIC GRAVITY:** ..... Greater than 1.

**SOLUBILITY IN WATER:** ..... Completely soluble.

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**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:**..... 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:** ..... Sulfuric acid (7664-93-9). Only in mist form.  
**MEDICAL CONDITION AGGRAVATED:**.....None known.  
**INHALATION:**..... Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
**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):**..... >2000 mg/kg  
**ACUTE TOXICITY\* (DERMAL):**.. >2000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):**.....14.5 mg/l (Vapor)

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

### 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

### 13 –DISPOSAL CONSIDERATIONS

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

### 14 – TRANSPORTATION INFORMATION

**DOT CODE**

**PROPER SHIPPING NAME:**..... Compounds, Cleaning, Liquid (contains sulfuric acid)  
**HAZARD CLASS:**..... 8  
**UN/NA NUMBER:** ..... NA 1760  
**PACKAGING GROUP :**..... III

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## IMDG CODE

**PROPER SHIPPING NAME:**..... SULPHURIC ACID with not more than 51% acid  
**HAZARD CLASS:**..... 8  
**UN/NA NUMBER:** ..... UN 2796  
**PACKAGING GROUP :**..... II

## 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:**..... 05/04/2022