

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Magnet Iron Removing Sour
PRODUCT TYPE: Acidic Liquid Cleaning Compound
PRODUCT NUMBER: EP522XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER: H1561XXX

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 Corrosion (1) Serious Eye Damage (1)
Acute Toxicity Inhalation (3) Acute Toxicity Oral (4) Target Organ
Toxicity- Single Exposure (1)

SYMBOLS:.....



SIGNAL WORD:..... DANGER!

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

PRECAUTIONARY STATEMENTS:

PREVENTION: Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.

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. Call a POISON CENTER or doctor/physician. **IF SWALLOWED:** Call a

Safety Data Sheet

POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF exposed: Call a POISON CENTER or doctor/physician Get Medical advice/attention if you feel unwell.

STORAGE: Store in a well ventilated place. Keep container tightly closed. 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 (%)
Water	7732-18-5	70-90
Hydrofluosilicic Acid	16961-83-4	5-15

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: 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 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.

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

Safety Data Sheet

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
Hydrofluosilicic Acid	16961-83-4	2.5 mg/m3

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Transparent liquid. No significant odor.

ODOR THRESHOLD: N/A

pH: Less than 2.0

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): 4.97

SPECIFIC GRAVITY: 1.1

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

AUTO-IGNITION TEMPERATURE: N/A

DECOMPOSITION TEMPERATURE: N/A

VISCOSITY: Slight body

Safety Data Sheet

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%. 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.
ACUTE TOXICITY* (ORAL): 1750 mg/kg
ACUTE TOXICITY* (DERMAL): >2000 mg/kg
ACUTE TOXICITY* (INHALATION): >20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

*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: Fluorosilicic Acid Solution
HAZARD CLASS: 8
UN/NA NUMBER: UN 1778
PACKAGING GROUP : II

15 - REGULATIONS

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

Safety Data Sheet

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:..... 03/01/2023