

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:..... LF-100
PRODUCT TYPE:..... Alkaline powdered cleaning compound
PRODUCT NUMBER:..... L2090XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER:..... L2090XXX

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 (1A) Serious Eye Damage (1)
Acute Toxicity, Oral (5)

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Causes severe skin burns and eye damage. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

PREVENTION:..... Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection.

RESPONSE: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see First AID Section). IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get emergency medical help.

STORAGE: Store locked up.

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

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3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Sodium Hydroxide	1310-73-2
Sodium Chloride	7647-14-5
Sodium Carbonate	497-19-8

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 signs of discomfort or irritation occur, remove to fresh air. If symptoms persist, get immediate medical attention!

SWALLOWING (INGESTION): . DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. 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 bring person to a hospital emergency room.

SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water for at least 15 minutes. If burns occur or irritation persists, get immediate medical attention! Wash contaminated clothing before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT: This product is non-flammable.

EXTINGUISHING MEDIA: 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: Powder may be picked up and reused or recycled. Check with local, state and federal authorities when liquid solutions of this product are spilled.

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

7 – HANDLING and STORAGE

STORAGE: Store in a cool, well-ventilated area. Avoid overheating or freezing. Store locked up. Do NOT store this product in an unmarked container.

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HANDLING: Wear eye and hand protection if product is likely to spill or puff up. Do NOT transfer this product to an unmarked container. Spilled material can be slippery. Keep away from children!

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles. Wear protective outerwear and boots when product is likely to spill.

ADDITIONAL MEASURES: Under normal use according to label instructions, special protection should not be necessary. Wear eye and hand protection if product is likely to spill or puff up. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Sodium Hydroxide	1310-73-2	2 mg/m ³
Sodium Chloride	7647-14-5	No limits established
Sodium Carbonate	497-19-8	No limits established

*When OSHA 8-hour (TWA); 15-minute (STEL); and 15-minute (C) PEL values are not established, NIOSH REL or ACGIH TLV[®] values will be shown and indicated as such.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: White powder. No significant odor.

ODOR THRESHOLD: N/A

pH: N/A (Powder)

MELTING POINT: 590 – 608 degrees F.

FREEZING POINT: N/A

BOILING POINT: 2,534 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: N/A (Powder)

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

AUTO-IGNITION TEMPERATURE: N/A

DECOMPOSITION TEMPERATURE: N/A

VISCOSITY: N/A (Powder)

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10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.
HAZARDOUS DECOMP.: This product not known to polymerize.
INCOMPATIBILITY: Do not mix with acids or other detergents.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Absorption through skin and eyes. Ingestion. Inhalation.
LISTED CARCINOGEN: None over 0.1%.
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.
INHALATION: Inhaling significant amounts of undissolved product can cause severe irritation or burns of the mouth and upper respiratory tract, which can lead to chronic cough and irreversible tissue damage.
INGESTION: Undissolved product may be harmful to health and can cause severe irritation, burns or other serious damage to mouth, esophagus and stomach if ingested.
EYES: Undissolved product can cause severe irritation, burns, blindness or other permanent damage if not immediately flushed from eyes.
SKIN (DERMAL): Undissolved product can cause severe irritation and burns if not immediately flushed from skin.
ACUTE TOXICITY* (ORAL): >3,461.20 mg/kg
ACUTE TOXICITY* (DERMAL): >5,000 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: Sodium hydroxide, solid
HAZARD CLASS: 8
UN/NA NUMBER: UN 1823
PACKAGING GROUP : II

15 – REGULATIONS

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

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16 – OTHER INFORMATION

NFPA HEALTH:..... 3
NFPA FLAMMABILITY:..... 0
NFPA REACTIVITY: 1
NFPA OTHER:..... Alkali

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: 11/22/2023