

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Formula C-1 Kit Powder  
**PRODUCT TYPE:** ..... Alkaline powdered cleaning compound component  
**PRODUCT NUMBER:** ..... C0400PWD  
**CONTROL NUMBER:** ..... C0400PWD

**COMPANY:** ..... **Simoniz USA, Inc.**  
201 Boston Turnpike  
Bolton, CT 06043  
1-800-227-5536  
[www.simoniz.com](http://www.simoniz.com)

**EMERGENCY PHONE:** ..... 1-800-255-3924 (CHEM-TEL)

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** ....Skin Corrosion (1) Serious Eye Damage (1)  
Corrosive to Metals (1) Specific Target Organ Toxicity, Single  
Exposure; Respiratory Tract Irritation (3) Acute Toxicity, Oral (5)  
Combustible Dust

**SYMBOLS:** .....



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

**HAZARD STATEMENT:** ..... Causes severe skin burns and eye damage. May be corrosive to metals. May cause respiratory irritation. May be harmful if swallowed. May form combustible dust concentrations in air (during processing).

### 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. Keep only in original packaging. Avoid breathing dust / fume / gas / mist / vapors / spray. Use only outdoors or in a well-ventilated area. Prevent dust accumulation to minimize explosion hazard.

**RESPONSE:** ..... Absorb spillage to prevent material-damage. 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

# Safety Data Sheet

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. Store in a corrosion resistant container with a resistant inner liner. 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
Sodium Hydroxide	1310-73-2
Disodium Metasilicate	6834-92-0
Sodium Carbonate	497-19-8
Sodium Sulfate	7757-82-6
Water	7732-18-5
Sodium Gluconate	527-07-1

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):**... Maintain adequate ventilation of work area. If signs of discomfort or irritation occur, remove to fresh air. If burns occur, symptoms persist, or if you feel unwell, get immediate medical attention!

**SWALLOWING (INGESTION):** . DO NOT INDUCE VOMITING! Rinse mouth, then 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):** ..... Immediately remove all contaminated clothing. Flush from skin 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 component 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.

# Safety Data Sheet

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** .....Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

## 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** ..... Powder may be picked up and reused or recycled. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. When liquid solutions of this product component are spilled, dike and absorb spillage to prevent release into streams or sewer systems, as well as material-damage. Consult local, state and federal authorities.

**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 and keep container tightly closed. Keep only in original packaging or in a corrosion resistant container. Do NOT store this product component in an unmarked container.

**HANDLING:** ..... Maintain adequate ventilation of work area. Minimize dust generation and accumulation. Wear eye, face and skin protection if exposure to product component is likely. Avoid breathing product component dust. Do NOT transfer this product component to an unmarked container. Spilled material is slippery. Keep away from children!

*ATTENTION: Do NOT reuse empty container. Empty containers retain product component residue, which can be dangerous.*

## 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, chemical splash goggles, protective outerwear and boots.

**ADDITIONAL MEASURES:** ..... Under normal use according to label instructions, special protection should not be necessary. Wear eye, face and skin protection if exposure to product component is likely. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL *
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>
Disodium Metasilicate	6834-92-0	15 mg/m <sup>3</sup> (Total dust); 5 mg/m <sup>3</sup> (Respirable fraction)
Sodium Carbonate	497-19-8	15 mg/m <sup>3</sup> (Total dust); 5 mg/m <sup>3</sup> (Respirable fraction)
Sodium Sulfate	7757-82-6	15 mg/m <sup>3</sup> (Total dust); 5 mg/m <sup>3</sup> (Respirable fraction)

(Continued on next page)

# Safety Data Sheet

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Sodium Gluconate	527-07-1	15 mg/m <sup>3</sup> (Total dust); 5 mg/m <sup>3</sup> (Respirable fraction)

\*When OSHA 8-hour TWA; STEL; and Ceiling PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such. All inert or nuisance dusts not listed specifically will be covered by the Particulates Not Otherwise Regulated (PNOR) limit and indicated as such.

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... White powder. No significant odor.  
**ODOR THRESHOLD:** ..... N/A  
**pH:** ..... N/A  
**MELTING POINT:** ..... N/A  
**FREEZING POINT:** ..... N/A  
**BOILING POINT:** ..... N/A  
**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):** ..... Greater than 1.  
**SPECIFIC GRAVITY:** ..... N/A  
**SOLUBILITY IN WATER:** ..... Completely soluble.  
**PARTITION COEFFICIENT:** ..... N/A  
**AUTO-IGNITION TEMPERATURE:** ..... N/A  
**DECOMPOSITION TEMPERATURE:** ..... N/A  
**VISCOSITY:** ..... N/A

## 10 – STABILITY and REACTIVITY

**STABILITY:** ..... Stable under normal conditions.  
**INCOMPATIBILITY:** ..... Do not mix with acids, metals, strong oxidizing agents, or other chemicals.  
**HAZARDOUS DECOMPOSITION:** ..... Carbon Oxides, Sodium Oxides, Silicone Oxides.  
**HAZARDOUS POLYMERIZATION:** ..... This product not known to polymerize.

## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Absorption through eyes and skin. Ingestion. Inhalation.  
**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:** ..... May aggravate preexisting dermatitis and asthma.  
**INHALATION:** ..... Undiluted product component can cause irritation, burns or other damage to the mouth, nose and respiratory tract, if inhaled.

# Safety Data Sheet

Prolonged or repeated exposure to undiluted product component may cause damage to respiratory system.

**INGESTION:** ..... Undiluted product component may be harmful to health; and can cause irritation, burns or other damage to the mouth, esophagus and stomach, if ingested.

**EYES:** ..... Undiluted product component can cause serious irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes.

**SKIN (DERMAL):** ..... Undiluted product component can cause severe irritation, redness and burns if not immediately flushed from skin.

**ACUTE TOXICITY\* (ORAL):** .....4,898.12 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

**DOT:**

**PROPER SHIPPING NAME:** .... Corrosive solid, basic, inorganic, n.o.s. (contains Sodium hydroxide, Disodium trioxosilicate)

**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... UN 3262

**PACKAGING GROUP:** ..... II

**IMDG:**

**PROPER SHIPPING NAME:** .... CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, DISODIUM TRIOXOSILICATE)

**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... UN 3262

**PACKAGING GROUP:** ..... II

**IATA:**

**PROPER SHIPPING NAME:** .... Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide, Disodium trioxosilicate)

**HAZARD CLASS:** ..... 8

**UN/NA NUMBER:** ..... UN 3262

**PACKAGING GROUP:** ..... II

# Safety Data Sheet

## 15 – REGULATIONS

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

**CALIFORNIA PROPOSITION 65:** ..... **WARNING:** This product can expose you to chemicals including Lead and Lead Compounds, which is known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

INGREDIENT	C.A.S. NUMBER	LISTED DATE
Lead and Lead Compounds	---	10/01/1992 (Cancer)
		02/27/1987 (Developmental, Male Reproductive & Female Reproductive Toxicity)

## 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-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:**..... 04/08/2024