

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Epiboot 20
PRODUCT TYPE: Laundry Peroxide Booster
PRODUCT NUMBER: E5020XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER: E5020XXX

COMPANY: **Simoniz USA, Inc.**
201 Boston Turnpike
Bolton, CT 06043
1-800-227-5536
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)
Oxidizing Liquids (2) Specific Target Organ Toxicity, Single
Exposure; Respiratory Tract (3) Acute Toxicity, Oral (5)

SYMBOLS:



SIGNAL WORD:..... DANGER!

HAZARD STATEMENT: Causes severe skin burns and eye damage. May intensify fire; oxidizer. May cause respiratory irritation. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

PREVENTION: Do not breathe dust or mists. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Avoid breathing fume / gas / vapors / spray. Use only outdoors or with adequate ventilation.

RESPONSE: In case of fire: Use Class B fire extinguisher to extinguish. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse skin 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

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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 medical help.

STORAGE:..... Store locked up. 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
Water	7732-18-5
Hydrogen peroxide	7722-84-1

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 in work area. If signs of discomfort or irritation occur, remove to fresh air. If burns occur or symptoms persist, 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 medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

SKIN (DERMAL): Immediately take off all contaminated clothing. Flush from skin with large quantity of fresh water for several 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 a class B fire extinguisher of carbon dioxide, dry chemical, alcohol-resistant foam or halogenated agent types. Water fog and fine water spray types can be used as a backup.

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: This product is an oxidizer and may intensify fire.

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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.

7 – HANDLING and STORAGE

STORAGE:..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Keep container tightly closed and locked up when not in use. Do NOT store this product in an unmarked container.

HANDLING:..... Maintain adequate ventilation of work area. Wear eye, face and skin protection if product is likely to splash. Avoid breathing product mist and spray. Do NOT transfer this product to an unmarked container. Keep away from clothing and other combustible materials. Spilled material is slippery. Keep away from children!

ATTENTION: Do NOT reuse empty container. Empty containers retain vapor and product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition.

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 product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Hydrogen peroxide	7722-84-1	1 ppm, 1.4 mg/m ³

**When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:..... Colorless, transparent liquid with no significant odor.

ODOR THRESHOLD: N/A

pH: Less than 4.

MELTING POINT: N/A

FREEZING POINT: N/A

BOILING POINT:..... 210 degrees F.

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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: 24 mmHg @ 68 degrees F (20 degrees C).
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY:..... 1.10
SOLUBILITY IN WATER: Completely soluble.
PARTITION COEFFICIENT: N/A
AUTO-IGNITION TEMPERATURE:.....N/A
DECOMPOSITION TEMPERATURE:N/A
VISCOSITY: Water thin.

10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.
INCOMPATIBILITY: Do not mix with caustics, strong reducing agents, combustibles or organic chemicals. Avoid contact of concentrated product with powdered metals, copper, brass, iron, sources of heat, open flames, and acid sensitive materials.
HAZARDOUS DECOMPOSITION:Oxygen gas, hydrogen gas.
HAZARDOUS POLYMERIZATION:This product is not known to polymerize.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Absorption through skin and eyes. Ingestion. Inhalation.
LISTED CARCINOGEN: There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).
MEDICAL CONDITION AGGRAVATED:May aggravate pre-existing dermatitis and asthma.
INHALATION: Inhaling significant amounts of undiluted product can cause irritation, burns or other serious damage to the mouth, nose and respiratory tract.
INGESTION: Undiluted product may be harmful to health; and can cause irritation, burns or other serious damage to mouth, esophagus and stomach if swallowed.
EYES: Undiluted product can cause severe irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes.
SKIN (DERMAL): Undiluted product can cause severe irritation, redness and burns if not immediately flushed from skin.
ACUTE TOXICITY* (ORAL):2,467.92 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).*

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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: Hydrogen peroxide, aqueous solutions

HAZARD CLASS: 5.1, 8

UN/NA NUMBER: UN 2014

PACKING GROUP: II

IMDG:

PROPER SHIPPING NAME: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

HAZARD CLASS: 5.1, 8

UN/NA NUMBER: UN 2014

PACKING GROUP: II

IATA:

PROPER SHIPPING NAME: Hydrogen peroxide, aqueous solution

HAZARD CLASS: 5.1, 8

UN/NA NUMBER: UN 2014

PACKING GROUP: II

15 – REGULATIONS

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

CALIFORNIA PROPOSITION 65:This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

16 – OTHER INFORMATION

NFPA:

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 1

OTHER: Oxidizer

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No

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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:..... 12/17/2024