

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT Prophy Powder
PROPHY POWDER

MSDS DATE: 10 /31 /2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Prophy Powder
PRODUCT CODES: PB500, PBPP

IDENTIFIED USES: Dental
USES ADVISED AGAINST: Non-Dental
MANUFACTURER: Vector Research & Development
ADDRESS: 2810 69th Ave. W. University Place, WA 98466
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Bicarbonate

CAS NO.: 144-55-8 **% WT:** 80-100 **OSHA PEL – TWA:** N/E **ACGIH TLV – TWA:** N/E

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not a hazardous substance or mixture.

LABELING: FDA regulated device – exempt from Regulation (US) 29 CFR 1910.1200.
PICTOGRAM: None
SIGNAL WORD: None
HAZARD STATEMENTS: None
PRECAUTIONARY STATEMENTS:

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Keep only in original container
- Keep cool, and protect from sunlight
- Collect spillage
- Store in dry/well ventilated place.
- Keep container tightly closed.
- Dispose of contents/container to an approved waste disposal plant
- Avoid breathing in dust, fume, gas, mist, vapors, and spray
- Wash thoroughly after handling
- Do not eat, drink, or smoke when using this product
- Wear protective gloves, clothing, eye protection, and face protection
- IF SWALLOWED: Rinse mouth
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim into fresh air. Keep at rest in a comfortable breathing position
- IF IN EYES: Rinse cautiously with water for several minutes.
- If exposed or concerned: Seek medical advice/attention
- If skin irritation occurs: Seek medical advice/attention
- If eye irritation persists: Seek medical advice/attention

CARCINOGENICITY
OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 3 NOTES:

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SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with water for 15 minutes as a precaution. Seek medical attention if irritation develops and persists.
SKIN: Wash off with soap and plenty of water. Seek medical attention if irritation develops and persists.
INGESTION: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
INHALATION: Remove victim into fresh air and keep at rest in a position comfortable for breathing.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus for firefighting if necessary.
SPECIAL HAZARDS: No further information available.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sodium and carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
ENVIROMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
CONTAINMENT AND CLEAN UP: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal according to official regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Product is intended for dental use only. Handling of this product should be by a trained dental healthcare professional only. Observe normal care for working with chemicals. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Keep away from food, beverages, and animal feed.
CONDITIONS FOR SAFE STORAGE: Store only in the original package. Keep container tightly closed in a dry and well-ventilated area. Protect from heat and direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Handle in accordance with goof industrial hygiene and safety practice. Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Local exhaust ventilation is preferred since it prevents contamination dispersion into the work area by controlling it at its source. Provide eyewash and safety shower if contact or splash hazard exists. Wash hands before breaks and at the end of work.
RESPIRATORY PROTECTION: NIOSH (US) or CEN (EU) approved respirators and components.
EYE PROTECTION: Safety glasses.
SKIN PROTECTION: Glove material impermeable and resistant to the product.
BODY PROTECTION: Protective work clothing.
ENVIRONMENTAL EXPOSURE: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/COLOR: Fine granular white powder.
ODOR: lemon
pH: .3 (1% solution) @ 25 C
MELTING POINT: Decomposes
RELATIVE DENSITY (H2O=1.0): 2.16g/cm3
WATER SOLUBILITY: 50 g/L

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SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage conditions.
CONDITIONS TO AVOID (STABILITY): Exposure to moisture, heat, flames, and sparks.
INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of sodium and carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:

EYES: May cause mild eye irritation.
SKIN: May cause mild skin irritation. Heavy or prolonged skin exposure may result in the absorption of harmful amount of material.
INGESTION: May injure mouth, throat, and gastrointestinal tract. Large ingested doses have produced systemic alkalosis and expansion in extracellular fluid volume with edema.
INHALATION: Heavy dust may cause respiratory tract irritation.
OSHA: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
ACGIH: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH/
NTP: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
IARC: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential human carcinogen by IARC.

SECTION 12: ECOLOGICAL INFORMATION

ADVERSE EFFECTS: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT: Offer surplus and non-recyclable solutions to a licensed disposal company. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to office regulations.

CONTAMINATED PACKAGE: Dispose of an unused product.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: N/A
PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: This product is a FDA regulated device and not subject to TSCA regulations.
CERCLA: This product is an FDA regulated device and not subject to reporting requirements. There may be specific reporting requirements at the local, regional, or state level.
SARA 313 TOXIC CHEMICALS: The following components are subject to reporting levels established by SARA Title III, Section 313 (40 CFR 372): *None*.
SARA 311/312 HAZARDS: This product is an FDA regulated device and not subject to reporting requirements.

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SECTION 16: OTHER INFORMATION

NFPA RATING

Health Hazard	0
Fire Hazard	0
Reactivity Hazard	0

PREPARATION INFORMATION: This SDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product.

SAFETY DATA SHEET

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DISCLAIMER: To the best of our knowledge, the information provided is accurate. However, Vector R&D does not assume any liability for the accuracy or completeness of the information. Final determination of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist.