

Material Safety Data Sheet

Date prepared: November 8, 2001

Date revised: N/A (first edition)

1. Identification of the Substance/Preparation and the Company

Bark2Basics
Substance or preparation trade name: **Citrus Plus™ Shampoo**
Unique reference numbers(s):
Company name & address: Senproco, Inc.
1501 N Industrial Ave.
Sioux Falls, SD 57104
Telephone: (800) 748-1777
Emergency telephone number: Chemtrec: (800) 424-9300
Other: (605) 334-3886

2. Composition

Substance: Proprietary mixture - pet grooming product
Active ingredient: D-limonene - 10%
CAS Number: D-limonene CAS number - 5989-27-5
Classification: Non-hazardous

3. Hazards Identification

Most important hazards: Possible eye irritant.
Specific hazards: None

4. First aid measures

Skin contact: Rinse skin immediately with warm water.
Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
Ingestion: Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. Fire fighting measures

Suitable extinguishing media: N/A.
Unsuitable extinguishing media: N/A
Special hazards in fire: No special fire hazards. Non-flammable liquid.

6. Accidental spill measures

Personal precautions: Wear rubber gloves.
Environmental precautions: If spilled, mop up immediately to avoid slip hazard. Absorb large spills with sand or clay absorbent material to prevent runoff into storm drain or onto grassy areas.
Methods for cleaning: Wash with water.

7. Handling and storage

Handling: Handle with care to avoid puncturing plastic containers. Keep tightly closed when not in use.
Storage: Store indoors at temperatures below 140°F.

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8. Exposure Controls

Engineering measures:	Mechanical or local exhaust is acceptable.
Personal protection equipment:	None special.
Eye protection:	Wear safety or prescription glasses to prevent splashing in eyes when using.
Hand protection:	Wear rubber gloves.
Hygiene measures:	Wash hands after using.

9. Physical and chemical properties

Appearance:	Slightly cloudy, thick, orange-colored liquid
Odor:	Citrus
pH:	6.5 - 7.0
Boiling point:	Above 212°F
Melting point:	N/A
Flashpoint:	Above 200°F
Explosive properties:	None
% Volatile:	79% (10% d-limonene, 69% water)
Vapor pressure:	not known
Specific Gravity:	0.995
Solubility:	Soluble in water in all proportions

10. Stability and reactivity

Conditions to avoid:	Excessive heat.
Materials to avoid:	None.
Hazardous decomposition products:	Burning generates CO, CO ₂ and smoke.

11. Toxicological information

Acute toxicity:	Not done.
Local effects:	Excessive exposure may affect human health as follows:
Skin contact:	Prolonged or repeated contact may cause temporary skin irritation or contact dermatitis in sensitive individuals. Diluted product may cause toxic reaction in small dogs, dogs with compromised immune systems or dogs sensitive to natural products.
Eye contact:	May cause irritation.
Inhalation/ingestion:	Ingestion may cause gastric irritation resulting in nausea, cramps and vomiting

12. Ecological information and Environmental Hazards

The concentrate may be toxic to some grasses and plants. It is not an air pollutant. It is expected to be slowly and completely biodegraded by soil and aquatic organisms.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal. Do not discharge this product directly into lakes, streams, ponds, estuaries, oceans or other waters. Rinse small spills down the drain. Absorb large spills with absorbent material and place with rubbish. Offer container for recycling or puncture and dispose in sanitary landfill, or by other approved state and local procedures.

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14. Transport information

Classification data: None. Non-hazardous.

15. Regulatory information

Ratings:

NFPA: Health -0, Flammability - 0, Reactivity - 0

HMIS: Health -0, Flammability - 0, Reactivity - 0.

FDA and FEMA list active ingredient d-Limonene as GRAS (generally recognized as safe).

16. Other Information

This is a proprietary pet shampoo concentrate for use by professional groomers. It should be diluted before use following label directions. Employer should consider the health hazards and safety information contained herein as a guide in employer's hazard communication training program (HAZCOM). This requires employers to instruct employees on the hazards to be expected from using chemical products in the workplace. Employees are required to follow company hazardous material (HAZMAT) policy to ensure personal, customer and environmental safety. While this MSDS is based on technical data from secondary sources deemed to be reliable, Senproco, Inc. assumes no liability for the completeness or accuracy of the information contained herein.