



## MATERIAL SAFETY DATA SHEET

P.O. Box 20, Milton, FL 32570  
[www.amroproducts.com](http://www.amroproducts.com)

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
 BIO-Based Carpet Shampoo Concentrate

**USE/DESCRIPTION**  
 Carpet Shampoo Concentrate

**REVISION DATE**  
 February 2, 2011

#### HMIS III HEALTH (0 = Maximum Safety) **0**

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) **0**

Susceptible to Release of Energy.

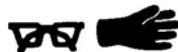
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) **0**

Susceptibility of Material to Burning.

4 Extremely flammable	1 Must be preheated to burn.
3 Ignites at normal temperature.	0 Will not burn.
2 Ignites when moderately heated.	

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause irritation.

**Skin:** Prolonged or repeated contact may cause irritation.

**Inhalation:** Mists of this product may irritate nasal passages.

**Ingestion:** Large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

### 4. FIRST AID MEASURES

**Eyes:** Flush with cool water for at least 15 minutes while holding eyelids open. If irritation persists, call a physician or poison center.

**Skin:** Wash with soap and plenty of water. If irritation persists, call a physician or poison center.

**Inhalation:** Remove to fresh air. If irritation persists, call a physician or poison control center.

**Ingestion:** DO NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** > 200°F (Tag Closed Cup)/>93.3°C

**Explosive Limits:** Lower (LEL): None Upper (UEL): None

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon dioxide and carbon monoxide and oxides of nitrogen.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Dry chemical, Dry foam, Carbon dioxide, Water.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Use water spray or mist to cool fire-exposed containers.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** If this material is released or spilled, flush it with water to the nearest sewer to drain. This product may cause slippery conditions; rinse thoroughly.

**Large Spills:** If this material is released or spilled, flush it with water to the nearest sewer to drain. Remove with a wet vac or scrub area with scrubber or floor machine if available. This product may cause slippery conditions; rinse thoroughly.

## 7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container. Do not allow this product to freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are recommended when handling the concentrated product.

**Skin:** Chemical resistant gloves are recommended for prolonged or repeated exposure to the concentrated product.

**Respiratory:** Normally not required.

**Engineering Controls:** Normally not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C    **Specific Gravity:** 0.998 (H<sub>2</sub>O=1)    **Vapor Pressure:** -17.5 mmHg    **Melting Point:** NA

**Vapor Density:** ND    **Evaporation Rate:** ~1.0 (Water=1)    **Solubility in Water:** 100% Soluble    **pH:** 7-8

**Appearance and Odor:** Bright yellow liquid with light, fresh, botanical scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product produces carbon dioxide and carbon monoxide and oxides of nitrogen.

**Chemical Stability:** Stable

**Incompatibility:** Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

This product is non-toxic, biodegradable material. Consult your local, state, provincial and federal regulations for proper disposal guidelines. Small amounts (several gallons) may usually be poured down sanitary sewers. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** ND

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

### WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.