

Sheet No. 74

Revision Date: 31 March 2006

**MATERIAL SAFETY DATA SHEET****HMIS:**

Health- 1 Flammability- 2 Reactivity- 0 Pers. Protection- N

**NFPA:**

Health- 1 Flammability- 2 Reactivity- 0 Special Hazard- N

WHMIS: B 3, D 2 B

**Section 1: Product and Company Identification**

Product Name **REFRESH**  
Odor control with activated charcoal

Sold By: Continental Research Corp.  
PO Box 15204  
St. Louis, Mo. 63110

24 hr Emergency Spill Information  
Chem-Tel, Inc.  
800-255-3924

Phone: 800-325-4869

**Section 2. Hazards Identification****EMERGENCY OVERVIEW**

Appearance/Odor: Greenish gel with charcoal granules on surface  
Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability : R 10: Gel melts to flammable liquid  
Health Hazards Listed : May be a mild irritant  
Ecological Hazards Listed : None known  
Potential Health Effects: See section 11 for more information.  
Likely Routes of Exposure: Ingestion, Inhalation  
Eye: Direct exposure can irritate  
Skin: Prolonged exposure can irritate  
Ingestion: Can irritate digestive tract  
Inhalation: May cause dizziness  
Medical Conditions Aggravated By Exposure:  
Allergies to fragrances  
Target Organs: None known  
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Potential Environmental Effects: (See section 12 for more information.)  
None known

**Section 3. Composition/Information on Ingredients**

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	60 - 80	N
Sodium Stearate	822-16-2	5-10	N

Polyoxyethylene-Polyoxypropylene block copolymer	11/6/9003	1 - 5	N
Carbon (Steam-activated charcoal)	7440-44-0	1 - 5	N
2-Propanol	67-63-0	1 - 5	Y

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician
Skin Contact:	Wash with soap and water
Inhalation:	Remove to fresh air
Ingestion:	Give water or milk to drink if conscious
Note to Physicians:	

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water, foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon
Protection of Firefighters:	As for surrounding fire

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Partly water-soluble. If wet, dike area with sand, clay, or other suitable material
Methods for Clean-Up:	Gather up intact units; scoop or shovel up any spilled gel for disposal.
Other Information:	

#### Section 7. Handling and Storage

##### HANDLING

Handle by container. Do not remove lid until ready to install

##### STORAGE

Original container at ambient temperatures (below 50°C/120°F)

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Sodium Stearate	None established	>5000 mg/kg
Polyoxyethylene-Polyoxypropylene block copolymer	None established	> 1000 mg/kg
Carbon (Steam-activated charcoal)	Dust 10 mg/cubic meter	>5000 mg/kg
2-Propanol	TLV 200 ppm	5800 mg/kg

Engineering Controls: Not normally necessary

Eye/Face Protection: Not normally necessary

Skin Protection: Handle by container. Rubber or other protective gloves optional.

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

### Section 9. Physical and Chemical Properties

Color: Creamy green with black granules	Odor: Characteristic
Physical State: Gel	Odor Treshhold:
pH: Not applicable	Freezing Point: Not applicable
Evaporation Rate: Not determined	Boiling Point: Not determined
Flash Point: Gel melts to liquid with flash point of 61Â°C/142Â°F, closed cup.	Flammability(solid,gas): Not considered flammable. Does not propagate flame.
Upper Flammability Limit: Not determined.	Lower Flammabilty Limit: Not determined
Vapor Pressure: Not determined. Less than that of water.	Specific Gravity: Not applicable. Bulk density approximately 1 g/mL
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: 1 - 5 including fragrance	Solubility (water): Partly soluble
	Percent Volatile: 80 - 85 including water

### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

### Section 11. Toxicology Information

#### ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 6 grams per kilogram.
Dermal LD50:	Not determined for mixture. Weighted average more than 10 grams per kilogram.
Inhalation:	Not determined for mixture. Weighted average more than 10 milligrams per Liter.
Eye Irritation:	Direct contact with gel or charcoal particles can irritate
Skin Irritation:	Prolonged or repeated contact with gel can irritate
Sensitization:	None known

#### CHRONIC EFFECTS

Carcinogenicity:	None known
Mutagenicity:	None known
Reproductive Effects:	None known
Developmental Effects:	None known

### Section 12. Ecological Information

Ecotoxicity:	None known
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	None known
Mobility in Enviroment:	Not determined

### Section 13. Disposal Considerations

Disposal: Dispose according to all pertinent regulations

### Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

### Section 15. Regulatory Information

Global Inventories

TSCA: United States      Included

DSL: Canada                Included

ECL: Korea                 Not-Known

PICCS: Philippines       Not-Known

ENCS: Japan                Not-Known

AICS: Australia            Included

IECS: China                Not-Known

EINECS: European Union Included

SARA 313 Information : Does not contain reportable quantities of any SARA 313 substances

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

Does not contain any Proposition 65 substances

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

### Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By:            Technical Dept.

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