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MATERIAL SAFETY DATA SHEET  
1020

Citri-Zorb™

Prepared: February 2008

**SECTION I: MANUFACTURER INFORMATION**

CHEMICAL BLENDER: COLBY MANUFACTURING PHONE: 800-969-3718  
1016 BRANAGAN DRIVE  
TULLYTOWN, PA. 19007

PRODUCT MANUFACTURER: MEDTROL, INC. PHONE: 800-647-7180  
7157 N. AUSTIN AVENUE  
NILES, IL. 60714

PRODUCT CLASS: BLEND  
MFG. CODE ID: 1020  
TRADE NAME: CITRI-ZORB™

**SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>%</u>
Sodium polyacrylate, lightly crosslinked	076774-25-9	92 – 98
Water	7732-18-5	2 – 8
Hydrophobic silicon dioxide, amorphous	66611-44-9	0 – 0.3
Acrylic acid	79-10-7	< 0.08

NFPA/HMIS: Health – 1, Fire – 0, Reactivity – 0, Specific Hazard – None  
DOT Class: Not regulated

**SECTION III: PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point:	Not applicable	Bulk density (apparent – g/cc):	0.7
Vapor Pressure (mmHg):	Not applicable	Melting point:	Not applicable
Vapor density (air=1):	Not applicable	Evaporation rate:	Not applicable
Appearance:	Off white	Odor:	None

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### SECTION IV:

### FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** NOT APPLICABLE

**FLAMMABLE LIMITS:** NOT AVAILABLE

**EXTINGUISHING MEDIA:** WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IN ANY CLOSED SPACE WHEN FIGHTING FIRES.

**UNUSUAL HAZARDS:** BECOMES SLIPPERY WHEN WET. UNDER CERTAIN CONDITIONS, A FINE DUST OF THIS MATERIAL IN AIR MAY CAUSE A DUST EXPLOSION IF IGNITED.

### SECTION V:

### REACTIVITY DATA

**STABILITY:** STABLE    **CONDITIONS TO AVOID:** NONE KNOWN    **INCOMPATIBILITY:** STRONG OXIDIZERS  
**HAZARDOUS DECOMPOSITION OF BY-PRODUCTS:** THERMAL DECOMPOSITION: CO, CO<sup>2</sup>, HYDROCARBONS  
**HAZARDOUS POLYMERIZATION:** MAY NOT OCCUR    **CONDITIONS TO AVOID:** NONE KNOWN

### SECTION VI:

### HEALTH HAZARD DATA

**ROUTES OF ENTRY:** INHALATION – YES    SKIN – YES    INGESTION - YES

**HEALTH HAZARDS:** (ACUTE AND CHRONIC): CONTACT WITH EYES, SKIN OR CLOTHING MAY CAUSE IRRITATION. CARE MUST BE TAKEN TO MINIMIZE EXPOSURE AND PREVENT WORKPLACE INHALATION OF RESPIRABLE DUST. RESPIRATORY PROTECTION IS REQUIRED FOR EXPOSURES ABOVE RECOMMENDED LEVEL OF RESPIRABLE DUST. A SIMILAR PRODUCT, GROUND VERY FINELY, PRODUCED AN INFLAMMATORY TISSUE RESPONSE IN THE LUNGS IN A LIFETIME EXPOSURE INHALATION EXPERIMENT WITH ANIMALS. ACCORDING TO THE EPA "HAZARD CATEGORIES" UNDER SECTIONS 311 AND 312 OF SARA TITLE III, THIS PRODUCT IS CONSIDERED TO MEET THE APPLICABLE DEFINITIONS OF A DELAYED HEALTH HAZARD.

**CARCINOGENICITY:** NPT? NO    IARC MONOGRAPHS? NO    OSHA REGULATED? NO

**SIGNS AND SYMPTOMS OF EXPOSURE:** SLIGHT IRRITANT EFFECT

**EMERGENCY AND FIRST AID PROCEDURES:** EYES – FLUSH WITH LARGE QUANTITIES OF WATER AND CONSULT A PHYSICIAN. SKIN – WASH WITH SOAP AND WATER. INHALATION – REMOVE TO FRESH AIR AND CONSULT A PHYSICIAN.

### SECTION VII:

### PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** VACUUM USING HEPA FILTER EQUIPPED SYSTEM, IF POSSIBLE, TO AVOID GENERATING AIRBORNE DUST. AVOID ADDING WATER AS THE PRODUCT WILL BECOME SLIPPERY WHEN WET.

**WASTE DISPOSAL METHOD:** DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**PRECAUTIONS FOR HANDLING AND STORING:** STORE IN A COOL, DRY PLACE. AVOID BREATHING POWDER. AVOID SKIN AND EYE CONTACT.

**OTHER PRECAUTIONS:** SLIPPERY WHEN WET.

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SECTION VIII:

CONTROL MEASURES

**RESPIRATORY PROTECTION:** USE NIOSH/MSHA APPROVED WITH HIGH EFFICIENCY FILTER FOR PARTICULATE LEVELS ABOVE 0.05 mg/m<sup>3</sup>.

**VENTILATION:** LOCAL EXHAUST, AS APPROPRIATE. MECHANICAL, AS APPROPRIATE.

**PROTECTIVE GLOVES:** IMPERVIOUS/RUBBER

**OTHER PROTECTIVE EQUIPMENT:** SAFETY GOGGLES

**WORK/HYGIENE PRACTICES:** USE GOOD HOUSEKEEPING PRACTICES.

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