

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 1
Health: 2
Reactivity: 1

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address **Masury Columbia Cleaning Technology - PO Box 1247 - Great Bend KS 67530**

Product Name: Foaming Germicidal Cleaner

Product Number: M4724

Chemical Family: Pressurized aqueous spray with surfactants.

Package Size: 18 oz.

EPA Reg. No: 1839-84-9647

Emergency Telephone No. 620-792-1711

Preparer: Bill Dayton

Date: 11/19/02

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Isobutane	75-28-5	1000 ppm	800 ppm	4.5
Propane	74-98-6	1000 ppm	1000 ppm	0.5
**2-Butoxyethanol	111-76-2	50 ppm	25 ppm	2.0
**Diethylene Glycol ethyl ether	111-90-0	NE	NE	2.0
n-Alkyl(68% C12, 32% C14) dimethylethyl benzyl ammonium chlorides	68956-79-6	NE	NE	0.1
n-Alkyl(60% C14, 30% C16, 5% C18, 5% C12) dimethyl benzyl ammonium chlorides	68391-01-5	NE	NE	0.1

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input type="checkbox"/>	Flammable Aerosol	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Compressed Gas	<input checked="" type="checkbox"/>	Explosive	<input type="checkbox"/>	Unstable - Reactive:	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>

Boiling Point, °F: Compressed Gas Solubility in Water: Complete Evaporation Rate: >1
Vapor Pressure: 50 psig Specific Gravity (water =1): 1.012 pH: 12
Vapor Density: Unknown %Volatiles by Weight: 96

Appearance and Odor: Clear, colorless liquid with characteristic odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None to boiling Flammable Limits: LEL: unknown UEL: unknown

Extinguishing Media: CO2, water, ABC fire extinguisher, dry chemical

Special Fire: Keep aerosols cooled with water to prevent bursting.

Fighting Procedures:

Unusual Fire and Explosion Hazards: COMPRESSED GAS: Contents Under Pressure. Temperatures in excess of 120F could cause bursting.

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable Conditions to Avoid: n/a

Incompatibility: Do not mix with any other material.
(Materials to Avoid)

Hazardous Decomposition: With extreme heat or fire, releases typical hydrocarbon decomposition by-products.
Products or Byproducts:

Hazardous Polymerization: May Occur: Will Not Occur:
Conditions to Avoid: n/a

Comments:

**This product contains one or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. See the Hazardous Components in Section I.

SECTION VI - HEALTH HAZARD DATA

Route (s) of entry:	Inhalation	<input checked="" type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input checked="" type="checkbox"/>
No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>			
Toxic	<input type="checkbox"/>	Irritant	<input checked="" type="checkbox"/>	Carcinogen	<input type="checkbox"/>			
Highly Toxic	<input type="checkbox"/>	Corrosive	<input type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>			

TARGET ORGANS

Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input type="checkbox"/>	Prostrate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input type="checkbox"/>
Carcinogenicity:	None Known	<input checked="" type="checkbox"/>	NTP:	<input type="checkbox"/>	IARC:	<input type="checkbox"/>	OSHA Regulated	<input type="checkbox"/>	

Medical Conditions Generally Aggravated by Exposure:
None known

Signs and Symptoms of Exposure:

Redness and irritation of skin or eyes. Nausea or irritation to mouth, throat, etc. if swallowed.

Emergency and First Aid Procedures:

In case of contact, immediately flush eyes or skin with water for 15 minutes. For eyes, contact a physician. If swallowed, drink large quantities of milk or water. Call a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:
Mop up, rinse with water.

Waste Disposal Method:

Do Not Puncture or Incinerate. Single unit: Wrap in newspaper and dispose in trash receptacle. Large Quantities: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): D001

Steps to be taken in handling and storage:

NFPA "LEVEL 1 AEROSOLS" Do not use near heat or open flame. Store at 40-90F. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. KEEP OUT OF REACH OF CHILDREN.

SECTION VIII - CONTROL MEASURES**Respiratory Protection(Specify Type):**

None required

Ventilation: Local Exhaust: Special:
Mechanical: None required

Protective Gloves: Recommended Eye Protection: Recommended

Other Protective Clothing and Equipment:
none required

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:
Consumer Commodity, ORM-D

NE = Not Established
N/A = Not Applicable