

Calgon Corporation  
P.O. Box 1346  
Pittsburgh, PA 15230-1346

MATERIAL SAFETY DATA SHEET  
SC-844

800-955-0090 Emergency  
800-424-9300 Chem-Trec 24-Hour  
Emergency Number

DEGREE  
OF HAZARD  
  
4 = SEVERE  
3 = SERIOUS  
2 = MODERATE  
1 = SLIGHT  
0 = MINIMAL

HMIS RATINGS:  
  
HEALTH 2  
  
FLAMMABILITY 3  
  
REACTIVITY 0  
  
PERSONAL PROTECTION C

Revision: 02

Date: 11-18-93

See last page for  
Personal Protection

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PRODUCT INFORMATION  
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HAZARDOUS INGREDIENTS:	OSHA PEL	ACGIH TLV	PERCENTAGE	CAS NUMBER
1-Methoxy-2-Propanol	100 ppm	100 ppm TWA	90 - 100	107-98-2
* Does not contain SARA Section 313 Reportable Compounds				

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PHYSICAL & CHEMICAL CHARACTERISTICS  
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Boiling Point:	243 deg. F
Specific Gravity:	0.93
Vapor Pressure:	8.4 mm Hg @ 20 deg. C.
Vapor Density:	3.12 (air = 1)
VOC gms/l:	917.2 gms/l
Solubility in Water:	Complete
Reactivity in Water:	None
Melting Point:	Does not freeze at normal temperatures
pH (as is):	6.0 - 7.0
Appearance and Odor:	Clear colorless liquid, mild odor

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FIRE & EXPLOSION DATA  
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Flash Point:	94 deg. F
Method Used:	TAG Closed Cup (TCC) ASTM D56
Auto-Ignition Temperature:	532 deg. F.
Flammable Limits Upper:	13.8
Air Lower:	1.6
Extinguisher Media:	Carbon dioxide, chemical foam, water fog
Special Fire Fighting Procedures:	Do not enter confined fire space without a self-contained breathing apparatus with full face piece approved by NIOSH.
Unusual Fire and Explosion Hazards:	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, smoking, or other sources

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FIRE & EXPLOSION DATA (continued)  
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at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.

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PHYSICAL HAZARDS (Reactivity Data)  
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Stability: Stable. Avoid temperature extremes.  
Incompatibility: Avoid readily oxidizable material, acids.  
Hazardous Decomposition  
Products: Oxides of carbon on combustion.  
Hazardous Polymerization: Will not occur.

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HEALTH HAZARDS  
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Acute: May be irritating to skin and eyes.  
Chronic: None expected at industrial use levels when good personal hygiene practices are followed.  
Chemical Carcinogen: National Toxicology Program: No  
I.A.R.C. Monographs: No  
OSHA: No

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SIGNS & SYMPTOMS OF EXPOSURE/ROUTES OF ENTRY  
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Eyes: Can cause irritation, burning, and redness.  
Skin: Brief contact should not produce harmful effects. Prolonged contact may cause irritation or burning.  
Inhalation: In concentrated form may cause headache, dizziness, nausea, and irritation of upper respiratory tract.  
Ingestion: Can cause nausea, vomiting, diarrhea.

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FIRST AID PROCEDURES

Eyes:	Wash eyes with large amounts of water for at least 15 minutes occasionally lifting upper and lower lids. Get medical attention.
Skin:	Wash contaminated skin with soap and large amounts of water. Remove clothing and footwear and wash before reuse.
Inhalation:	Remove to fresh air - administer oxygen if necessary. If symptoms persist, get medical attention.
Ingestion:	Induce vomiting, give water to cause dilution in stomach. Seek medical attention.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Wear eye protection, launder contaminated clothing before reuse.  
Store drums in a cool place, bung up, and closed tightly. Do not take internally.

OTHER PRECAUTIONS:

Have eye wash station, safety shower and washing facilities available.  
Avoid breathing mist or vapor, store in a cool, dry place.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain the spill. Eliminate any ignition sources. Absorb small spills with sand, dirt, or clay. Large spills may be pumped into containers for recovery or disposal.

WASTE DISPOSAL METHODS: First consult federal, state, and local regulations. Contaminated absorbent may be deposited in a manner approved for this material.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261 SUBPART C & D:  
EPA HAZARDOUS WASTE CODE: D001 (Ignitable Waste)

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SPECIAL PROTECTION INFORMATION/CONTROL MEASURES  
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Respiratory Protection: None normally required. Use NIOSH-approved  
dust mask if working in a mist.  
Ventilation: Adequate - local exhaust  
Protective Gloves: Rubber or neoprene  
Eye Protection: Safety glasses with side shields but recommend  
the use of chemical splash goggles instead.  
Other Protective Clothing  
or Equipment: Wear impervious clothing to prevent  
skin contact. Wash hands with soap  
and water after handling.

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PERSONAL PROTECTION CODE  
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Personal Protection  
Code "C": Safety glasses, gloves, and synthetic apron.

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TRANSPORTATION DATA  
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COMPOUNDS, CLEANING LIQUID  
(CONTAINS 1-METHOXY-2-PROPANOL)  
3, NA 1993, III