

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

HMS RATINGS:

HEALTH 2

FLAMMABILITY 3

REACTIVITY 0

PERSONAL PROTECTION C

Revision: 02

Date: 11-18-93

See last page for
Personal Protection

PRODUCT INFORMATION

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

PHYSICAL & CHEMICAL CHARACTERISTICS

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

FIRE & EXPLOSION DATA

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)

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

PHYSICAL HAZARDS (Reactivity Data)

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

HEALTH HAZARDS

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

SIGNS & SYMPTOMS OF EXPOSURE/ROUTES OF ENTRY

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

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.

PERSONAL PROTECTION CODE

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

TRANSPORTATION DATA

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