

# SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: CB-30 Liquid - Ticonium  
Product Number: 62098, 62156, 62098-25, 62161  
Chemical Name: Ethylene glycol & colliodal silica  
Chemical Family: colloidal silica  
CAS Number: Blend

### Company Identification

Ticonium Co., Div. of CMP Industries LLC  
413 North Pearl St  
Albany, NY 12207-1311 USA  
(518)-434-3147 (For product information)  
(800)-424-9300 (For emergencies)  
1-800-424-9300 or 1-202-483-7616 (CHEMTREC)

## 2. HAZARDS IDENTIFICATION

```
***** EMERGENCY OVERVIEW *****
*
* WARNING *
*
* Persons with impaired pulmonary function should not *
* be exposed to excessive airborne concentrations. *
*
*****
```

### **EYE:**

Causes eye irritation.

### **SKIN:**

Causes skin irritation.

### **INHALATION:**

Causes respiratory tract irritation.

### **INGESTION:**

Ingestion is not considered a potential route of exposure.



(section 2 continued)

**CHRONIC EFFECTS:**

Prolonged exposure may cause delayed injury to the pulmonary system.

**REPRODUCTIVE HAZARDS:**

None.

**CARCINOGENICITY INFORMATION:**

No known cancer hazards.

**MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:**

Individuals with pulmonary problems will be more susceptible to effects due to exposure.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**COMPONENT LISTING:**

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
SILICA, COLLOIDAL	40.0 - 90.0 %	7631-86-9
ETHYLENE GLYCOL	0.0 - 20.0 %	107-21-1

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.

**4. FIRST AID MEASURES**

**EYE CONTACT FIRST AID:**

In case of contact, immediately flush eyes with plenty of water, lifting upper and lower lids, for at least 15 minutes. Consult physician if irritation is apparent.

**SKIN CONTACT FIRST AID:**

Wash skin with soap and water. Get medical attention if irritation develops.

**INHALATION FIRST AID:**

If inhaled, remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen. Contact a physician.

**INGESTION FIRST AID:**

Ingestion is not considered a potential route of exposure.



## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

COC Flash Point: N/A  
Autoignition Temperature: N/A

### FLAMMABLE LIMITS IN AIR

LEL: N/A  
UEL: N/A

### FLAMMABLE PROPERTIES:

Not Flammable under normal conditions.

### EXTINGUISHING MEDIA:

Non-flammable.

### FIRE & EXPLOSION HAZARDS:

Contact with reactive metals such as aluminum may result in generation of flammable hydrogen gas.

### FIRE FIGHTING INSTRUCTIONS:

None.

### COMBUSTION PRODUCTS:

None.

## 6. ACCIDENTAL RELEASE MEASURES

### LARGE SPILLS PROCEDURE:

Dike and contain spill with absorbent material such as clay or commercial sorbents. Store reclaimed material in DOT approved container for disposal.

Wear respirator and protective clothing as appropriate. Shut off source of leak. Dike & contain. Allow wax to cool and remove as solid.

### SMALL SPILLS PROCEDURE:

Same as large spill.

## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Avoid contact with skin and eyes.

### HANDLING (PHYSICAL ASPECTS):

Keep container closed to avoid contamination.



(section 7 continued)

**STORAGE PRECAUTIONS:**

Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE / FACE PROTECTION REQUIREMENTS:**

Use safety glasses with side shields or chemical splash goggles.

**SKIN PROTECTION REQUIREMENTS:**

Wear impermeable gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

If exposure exceeds exposure limits, use NIOSH approved respirator.

**MISCELLANEOUS:**

Use general or local ventilation.

**EXPOSURE GUIDELINES:**

**SILICA, COLLOIDAL**

OSHA Ceiling Limit: 20 ppm, 80 mg/m<sup>3</sup>

**ETHYLENE GLYCOL**

OSHA TWA: 50 ppm, 127 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid  
COLOR .....: Translucent  
ODOR .....: No odor  
BOILING POINT .....: 212 F  
SOLUBILITY IN WATER ...: Dispersible  
SPECIFIC GRAVITY .....: 1.2 (Water = 1)

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Product will not undergo polymerization.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with reactive metals such as aluminum.



**11. TOXICOLOGICAL INFORMATION**

No information available.

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Dispose of waste material in accordance with all local, state/provincial, and national requirements.

**14. TRANSPORT INFORMATION**

PRODUCT LABEL .....: CB-30 Liquid - Ticonium  
D.O.T. SHIPPING NAME .....: Non-flammable liquid  
TECHNICAL SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS .....: N/A  
UN NUMBER .....: N/A

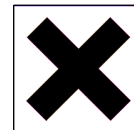
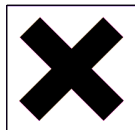
**15. REGULATORY INFORMATION**

**REGULATORY LISTS SEARCHED:**

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
09 = CANADIAN WHMIS	10 = OSHA Ceiling

**EEC Symbols and Indications of Danger:**

Harmful (Xn), Irritant (Xi)



**R-Phrases:**

R36/38 - Irritating to eyes and skin.  
R37 - Irritating to respiratory system.  
R20 - Harmful by inhalation.



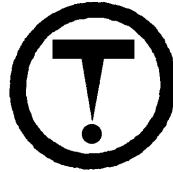
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**S-Phrases:**

S3/9 - Keep in a cool, well-ventilated place.

**WHMIS Hazard Symbols:**

Class D2 - Materials Causing Other Toxic Effects



**Canadian Disclosure List**

SILICA, COLLOIDAL (7631-86-9)  
ETHYLENE GLYCOL (107-21-1)

**SARA Title III - Section 313**

ETHYLENE GLYCOL (107-21-1)

**Title V**

ETHYLENE GLYCOL (107-21-1)

**SC Toxic Air Pollutants List**

ETHYLENE GLYCOL (107-21-1)

**16. OTHER INFORMATION**

PREPARED BY .....: John Nicpon  
APPROVED BY .....: John Nicpon  
TITLE .....: Quality Manager  
APPROVAL DATE .....: July 30, 2013  
SUPERCEDES DATE ...: July 23, 2013  
RTN NUMBER .....: 00000088 (Official Copy)

**ABBREVIATIONS USED IN THIS MSDS:**

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

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END OF MSDS  
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