

# Material Safety Data Sheet EaCo CHEM, Inc.

## SECTION: 1

Product Name: Calcite Presoak  
Product Use: First step calcite remover  
Name of Manufacturer: EaCo CHEM, Inc.  
Address: 765 Commerce Ave  
New Castle PA 16101  
Emergency telephone: 1-800-255-3924  
Date Prepared: 1-15-01 Updated: 6-1-10  
DOT Classification: 8, Corrosive liquid, NA #1760, Guide 154. pg. 11

## SECTION: 2

### CHEMICAL NAME

<u>CHEMICAL NAME</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>CAS. NO.</u>
Butyl Cellosolve	50 ppm	50 ppm	111-76-2
Phosphoric Acid	1 mg/m3	1 mg/m3	7664-38-2
Sulfuric Acid	1mg/m3	1 mg/m3	7664-93-9

Ingredients not precisely identified are proprietary or non hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200)

**Note: N/E = Not established**

## SECTION: 3

<u>SECTION: 3</u>	<u>HAZARDS IDENTIFICATION</u>
Route(s) of entry:	Eyes, Skin, Ingestion, Inhalation
Chemical listed as carcinogen:	NO
Oor potential carcinogen:	NO
National Toxicology Program:	NO
I.A.R.C. Monographs:	NO
OSHA:	NO

Signs and symptoms of exposure: Moderately toxic if swallowed. May cause headache, dizziness, and irritation to respiratory tract. Corrosive to skin and eyes.

Medical conditions generally aggravated by exposure: Dermatitis mucous membrane infections.

## SECTION: 4

<u>SECTION: 4</u>	<u>EMERGENCY FIRST AID</u>
EYES:	Flood with water 15 minutes. Seek immediate medical attention.
SKIN:	Wash off with soap and water. If irritation persists, call physician.
INGESTION:	Drink copious amounts of water. Seek immediate medical attention.
INHALATION:	Remove to fresh air.

## SECTION: 5

<u>SECTION: 5</u>	<u>FIRE FIGHTING MEASURES</u>
Flash Point and Method:	None, product not expected to burn.
Hazardous decomposition products:	Thermal decomposition products may be hazardous. These include Phosphorous Oxide fumes and sulfur dioxide. Contact with common metals may produce potentially explosive hydrogen gas.
Conditions of flammability:	N/A
Means of extinction:	Water, dry chemical, foam, carbon dioxide.
Special procedures:	Under extreme circumstances, if material comes in contact with metals, it may generate hydrogen gas which can explode.

## SECTION : 6

Steps to be taken if material is released or spilled: Large spill; dike and contain for intended use. Small spill; Absorb on oil dry and place in approved container for disposal. Make sure proper ventilation and safety equipment is available.

Clean-up procedures: Neutralize area to complete cleanup with a small amount of a weak alkaline solution.

Waste Disposal Method: Consult federal, state, and local regulations in your area.

Precautions to be taken in handling and storage: Store in a cool dry place, away from alkalis. Vent bung before opening. Always wear protective equipment when handling this product.

## SECTION: 7

<u>SECTION: 7</u>	<u>CONTROL MEASURES</u>
Expiratory Protection:	None needed if exposure limits are not exceeded.
Ventilation:	Local exhaust to maintain the TLV.
Protective Gloves:	Yes
Goggles:	Yes
Other protective clothing or equipment:	Normal work clothing covering arms and legs. Wash clothing before reuse. Keep off skin and clothing.

## SECTION :8

<u>SECTION :8</u>	<u>PHYSICAL AND CHEMICAL PROPERTIES</u>
Appearance/Odor:	Clear liquid, acrid odor
Physical State:	Liquid
pH:	1.5
Vapor Pressure (mmHg):	N/A
Vapor Density (air = 1):	N/A
Boiling Point:	210°F
Specific Gravity (Water =1):	1.10
Solubility in water:	Complete

## SECTION :9

<u>SECTION :9</u>	<u>STABILITY AND REACTIVITY</u>
Stability:	Stable under normal temperatures and pressures.
Incompatibility: (materials to avoid):	Alkalis, high heat and metals.
Hazardous decomposition:	May produce hydrochloric gas.
Hazardous polymerization:	Will not occur.

## SECTION : 10

<u>SECTION : 10</u>	<u>HAZARD RATING</u>	
HEALTH	2	4 = EXTREME
FIRE	0	3 = HIGH
REACTIVITY	2	2 = MODERATE
PERSONAL PROTECTION	C *	1 = SLIGHT
		0 = INSIGNIFICANT

C \* = Chemical resistant gloves, goggles and apron.

NOTICE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all the information required by the CFR.

DISCLAIMER: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.