

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CAL CLEAN 745  
PRODUCT CODE: 745  
ORIGINAL DATE: February 13, 2003  
DATE PRINTED: February 14, 2003

### HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CAL CLEAN 745  
**MANUFACTURER:** Calvary Industries, Inc.  
9233 Seward Road  
Fairfield, Ohio 45014  
**INFORMATION PHONE:** (513) 874-1113  
**EMERGENCY RESPONSE:** (800) 535-5053

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	OSHA PEL	ACGIH TLV
Sodium Metasilicate	08834-92-0	not established	not established
Sodium Tripolyphosphate	07758-29-4	not established	5 mg / m <sup>3</sup>
Dipropylene Glycol Methyl Ether	34590-94-8	100 ppm	100 ppm

### SECTION 3 - HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** Corrosive to the eyes and may cause damage.

**SKIN:** Substance will may irritation and dryness. May causes skin burns.

**INHALATION:** Breathing of mist can cause irritation to nasal and respiratory system.

**INGESTION:** May cause damage to mouth, throat, and stomach.

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### SECTION 3 - HAZARDS IDENTIFICATION (CONTINUED)

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY: This product has not been determined to be a carcinogen by OSHA, ACGIH, or NTP.

### SECTION 4 - FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Flush skin with soap and water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Remove contaminated shoes promptly and discard if saturated with product. Seek medical attention.

INHALATION: Remove to fresh air. Get medical attention if symptoms develop. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Do NOT induce vomiting. Give victim 2 glasses of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

### SECTION 5 - FIRE FIGHTING MEASURES

FLASHPOINT(METHOD): NONE (COC)

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: This product will not burn. Use media appropriate for surroundings.

FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus with a full face-piece operated in the positive pressure mode and full body protection when fighting fires.

FIRE AND EXPLOSION HAZARDS:

NFPA Rating: HEALTH -1, FLAMMABILITY -0, REACTIVITY - 0

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

Dike area to contain liquids. Collect material and transfer to storage container.

Persons not wearing protective equipment (see section 8) should be excluded from area of spill until clean-up is completed.

#### WASTE DISPOSAL METHOD:

Dispose of in accordance with all local, state and federal regulations. Check with local POTW before sewerage material.

### SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes. Wash thoroughly after handling. Wear eye protection and impervious gloves. Wash contaminated clothes before reuse.

**STORAGE:** Store in a dry place.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Under anticipated operating conditions no respiratory protection should be required. If the TLV is exceeded a NIOSH/MSHA approved respirator for amines and organic vapors should be worn.

**PROTECTIVE CLOTHING:** Waterproof gloves made of neoprene, vinyl, rubber, polyethylene or PVC should be worn. Safety glasses with sideshields or chemical splash goggles should be worn.

**ENGINEERING CONTROLS:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Clear pale yellow liquid; mild odor

**BOILING POINT:** 212°F

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.080

**VAPOR PRESSURE (mmHg):** n/a

**pH:** 12.9

**VAPOR DENSITY (AIR=1):** n/a

**SOLUBILITY IN WATER:** complete

**EVAPORATION RATE:** as water

**FREEZING POINT:** 32°F

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### SECTION 10 - STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Avoid contact with strong oxidizers.

HAZARDOUS DECOMPOSITION: None

### SECTION 11 - TOXICOLOGICAL INFORMATION

No data available.

### SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological data is known or reported for this product or its components.

### SECTION 13 - DISPOSAL CONSIDERATIONS

If this product becomes a waste, as supplied, it does meet the criteria of a hazardous waste as defined under 40CFR261, in that it exhibits the characteristics of corrosive hazardous waste under Subpart D.

If this product becomes a waste it is the user's responsibility to dispose of the material in accordance with local, state and federal regulations.

### SECTION 14 - TRANSPORT INFORMATION

DOT (Department of Transportation): This product is not regulated as a DOT hazardous material.

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### SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): Components used in this product are listed on the TSCA Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

Section 311/312 Hazard Categories (Acute health, Chronic health, Fire, Reactive or Sudden Release of Pressure):

Acute (Immediate) Health Hazard

Section 313: The following toxic chemical(s) is(are) subject to the reporting requirements of the Emergency Planning and Community Right-to-Know Act of 1986 and 40CFR372.

CHEMICAL NAME	CAS#	WT.%
NONE		

### SECTION 16 - OTHER INFORMATION

This product information contained herein is believed to be accurate as of the date of the Material Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage, or disposal of the product, including any resultant personal injury or property damage.

ORIGINAL DATE: 2/13/03  
PREPARER: C. BERGER