

Calvary Industries, Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CAL FLOC 4132

**PRODUCT CODE:** CC4132

**MANUFACTURER:** Calvary Industries, Inc.  
9233 Seward Road  
Fairfield, Ohio 45014

**APPLICATION:** Water Treatment

**INFORMATION PHONE:** (513) 874-1113

**EMERGENCY RESPONSE:** (800) 535-5053

## SECTION 2 - HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Physical	Not Classified
	Health	May be Harmful if Swallowed 5 – H303 Skin Damage 3 – H316 Eye Damage 2B – H320 Respiratory Damage 5 –H333
	Environmental	Not Classified
<b>Label Elements:</b>	Signal Word	<b>WARNING!</b>



HMIS RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

<b>Hazard Statements:</b>	H303	May be harmful if swallowed.
	H316	Causes mild skin irritation.
	H320	Causes eye irritation.
	H333	May be harmful if inhaled.

## SAFETY DATA SHEET

**PRODUCT NAME: CAL FLOC 4132**

### **SECTION 2 - HAZARDS IDENTIFICATION (Continued)**

Precautionary Statements: P260	Do not breathe/dust/fume/gas/mist/vapors/spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection

### **SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>Weight %</u>
Aluminum Compound	Proprietary	50-100%

### **SECTION 4 - FIRST AID MEASURES**

**EYES:** Immediately flush eyes with water for 15 minutes. Get medical attention if irritation develops.

**SKIN:** Wash skin with soap and water. Remove contaminated clothing and launder before reuse.

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

**INGESTION:** Administer 2 glasses of water or milk and induce vomiting. Obtain medical attention if symptoms develop. Treat patient symptomatically.

### **SECTION 5 - FIRE FIGHTING MEASURES**

**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.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Under fire conditions this product does not present any specific hazards.

## SAFETY DATA SHEET

**PRODUCT NAME: CAL FLOC 4132**

### **SECTION 5 - FIRE FIGHTING MEASURES (Continued)**

SPECIFIC HAZARDS: This product contains no specific hazards.

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS: Wear appropriate protective gear described in Section 8 of this safety data sheet.

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

Dike area to contain spill. Collect 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 at ambient room temperature between 35 °F and 120 °F.

### **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

EXPOSURE LIMITS:

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum Compound	Proprietary	15 mg/m <sup>3</sup> (Al)	2 mg/ m <sup>3</sup> (Al)

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 if exposure is expected to be prolonged. Safety glasses with sideshields or chemical splash goggles should be worn.

## SAFETY DATA SHEET

**PRODUCT NAME: CAL FLOC 4132**

### **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**

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

### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear, Water White Liquid		
ODOR	No Odor	VAPOUR PRESSURE	No Data
pH	3.5	VAPOUR DENSITY	No Data
FREEZING POINT	19°F	SPECIFIC GRAVITY	1.34
BOILING POINT	220°F	SOLUBILITY IN WATER	Complete
FLASH POINT	None	AUTO-IGNITION TEMP	No Data
EVAPORATION RATE	No Data	VOLATILE ORGANIC COMPOUND (VOC)	No Data
UPPER/LOWER EXPLOSION LIMITS	No Data	PARTITION COEFFICIENT (n-Octanol/water)	No Data

### **SECTION 10 - STABILITY AND REACTIVITY**

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

INCOMPATIBLE MATERIALS TO AVOID: Strong oxidizing agents

CONDITIONS TO AVOID: Temperatures above boiling point. Contact with incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: There are no hazardous decomposition products.

## SAFETY DATA SHEET

**PRODUCT NAME: CAL FLOC 4132**

### **SECTION 11 - TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION: No specific toxicological information is available for this product.

ROUTES OF EXPOSURE: Eyes, Skin, Inhalation, Ingestion.

### POTENTIAL HEALTH EFFECTS

#### EYES

Acute (Immediate): Will cause irritation to the eyes.

Chronic (Delayed): Repeated and prolonged exposure may cause burns to the eyes.

#### SKIN

Acute (Immediate): May cause irritation and drying of the skin.

Chronic (Delayed): Prolonged contact will cause drying of the skin.

#### INHALATION

Acute (Immediate): Breathing of mist may cause slight irritation to nasal and respiratory system.

Chronic (Delayed): No data available.

#### INGESTION:

Acute (Immediate): Product may cause vomiting and/or diarrhea. May cause irritation to mucous membranes and gastrointestinal tract.

Chronic (Delayed): Expected to be the same as the immediate.

### **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 it is the user's responsibility to dispose of the material in accordance with local, state and federal regulations.

## SAFETY DATA SHEET

**PRODUCT NAME: CAL FLOC 4132**

### SECTION 14 - TRANSPORT INFORMATION

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

PRODUCT NAME: CAL FLOC 4132

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

IDENTIFICATION NUMBER: N/A

PACKING GROUP: N/A

LABEL(S) REQUIRED: N/A

### 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: NONE.

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.

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>WT.%</u>
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NONE

### SECTION 16 - OTHER INFORMATION

Calvary Industries urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the date shown. However, no warranty, expressed or implied, is given as to the results of the use of this information or the product to which it relates. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's /user's responsibility to ensure that his activities comply with all federal, state, or local laws. Since conditions for use of this product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Recipient assumes all responsibility for the use (alone or in combination with any other product), storage, or disposal of the product, including any resultant personal injury or property damage.

REVISED DATE: 7/3/13

PREPARER: M.George