Calvary Industries, Inc.

Safety Data Sheet

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 3799NF**
PRODUCT CODE:	CC3799
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

GHS Classification:	Physical	Corrosive to Metals 1 – H290
	Health	Skin Irritation 1 – H314 Eye Irritation 1 – H318
	Environmental	Not Classified
Label Elements:	Signal Word	**Danger!**



HMIS RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Hazard Statements	H290	May be corrosive to metals.
	H315	Causes severe skin burns and eye damage.
	H318	Causes serious eye damage.

PRODUCT NAME: CAL FLOC 3799 NF

SECTION 2 - HAZARDS IDENTIFICATION (Continued)

Precautionary Statements:

P234	Keep only in original container.
P260	Do not breathe mist/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P404	Store in a closed container.
P405	Store locked up.
P501	Dispose of contents according to Section 13 of this SDS.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	Weight %
Melamine Resin	09003-08-1	5-15%
Hydrochloric Acid	07647-01-0	0-1%

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: If exposed to excessive levels of mists or fumes, remove victim to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: Administer 2 glasses of water or milk and do not induce vomiting. Immediately call a POISON CENTER or doctor/physician. Gastrointestinal irritation may occur. Obtain medical attention if symptoms develop. Treat patient symptomatically.

PRODUCT NAME: CAL FLOC 3799 NF

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This product is not combustible. Water, CO_2, or dry chemical to extinguish nearby fires.

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: This product does not present any unusual hazards under fire conditions.

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 sewering 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:

COMPONENT	CAS NO.	OSHA PEL	ACGIH TLV
Melamine Resin	09903-08-1	N/A	N/A
Hydrochloric Acid	07647-01-0	5 ppm	5 ppm

PRODUCT NAME: CAL FLOC 3799 NF

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

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 side shields 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	Clear to slightly turbid, yellow to blue liquid		
ODOR	Organic amine	VAPOUR PRESSURE	No Data
pH	2.0	VAPOUR DENSITY	No Data
FREEZING POINT	<32°F	SPECIFIC GRAVITY	1.037
BOILING POINT	No Data	SOLUBILITY IN WATER	Complete
FLASH POINT	>200°F	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: Contact with incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not normally decompose. Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Hazardous decomposition products may include but are not limited to carbon oxides, nitrogen oxides and hydrogen chloride.

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): Severe irritant, corrosive to tissue, chemical burn likely.

Chronic (Delayed): Repeated and prolonged contact with the eyes can possibly lead to blindness.

SKIN

Acute (Immediate): Severe irritant, corrosive to tissue, chemical burn likely.

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

INHALATION

Acute (Immediate): May cause burns to the mouth, throat and stomach if inhaled.

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

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.

SECTION 13 - DISPOSAL CONSIDERATIONS

If this product becomes a waste, as supplied, it does not meet the criteria of a hazardous waste as defined under 40CFR261.

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.

PRODUCT NAME: CAL FLOC 3799 NF

SECTION 14 - TRANSPORT INFORMATION

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

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.

CHEMICAL NAME	CAS#	WT.%
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: 12/12/19
PREPARER: C. Berger