

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 CLEAN® 732 AL

PRODUCT CODE: CC732AL

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

APPLICATION: Coolant Sump Cleaner

INFORMATION PHONE: (513) 874-1113

EMERGENCY RESPONSE: (800) 535-5053

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification:	Physical	Not Classified
	Health	Skin Damage 2 – H315 Skin Sensitization – H317 Eye Irritation 2B – H320
	Environmental	Not Classified
Label Elements:	Signal Word	WARNING!



HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Hazard Statements:	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H320	Causes eye irritation.

SAFETY DATA SHEET

PRODUCT NAME: CAL CLEAN 732 AL

SECTION 2 - HAZARDS IDENTIFICATION (Continued)

Precautionary Statements:

- P261 Avoid breathing mist/spray.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333 + P313 If skin irritation or rash occurs: Get medical advice.
- P337 + P313 If eye irritation persists: Get medical advice.
- P362 Take off contaminated clothing and wash before reuse.
- P501 Dispose of contents according to Section 13 of this SDS.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>Weight %</u>
Dipropylene Glycol Methyl Ether	34590-94-8	10-20%
Triethanolamine	00102-71-6	5-10%
Hexahydro-1,3,5-tris-s-triazine	04719-04-4	1-5%
Ethanolamine	00141-43-5	1-5%

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: Airborne mists of this product are not expected to cause adverse effects to the user. If exposed to excessive levels of dusts, mists or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Do not induce vomiting.

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SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog or fine spray, carbon dioxide, dry chemical foam. Do not use direct water stream, may spread fire.

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: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

SPECIFIC HAZARDS: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

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: Eliminate all sources of ignition in vicinity of spill or released vapor to avoid fire. For large spills, dike to contain spill. Prevent runoff into sewers or waterways.

Notify appropriate authorities immediately if release occurs.

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: Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

STORAGE: Keep containers tightly closed when not in use. Store in dry area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Dipropylene Glycol Methyl Ether	34590-94-8	100 ppm	100 ppm
Triethanolamine	00102-71-6	N/A	5 mg/m ³
Hexahydro-1,3,5-tris-s-triazine	04719-04-4	N/A	N/A
Ethanolamine	00141-43-5	3 ppm	3 ppm

SAFETY DATA SHEET

PRODUCT NAME: CAL CLEAN 732 AL

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, light amber liquid		
ODOR	Amine Odor	VAPOUR PRESSURE	No Data
pH	9.6	VAPOUR DENSITY	No Data
FREEZING POINT	32°F	SPECIFIC GRAVITY	1.043
BOILING POINT	212°F	SOLUBILITY IN WATER	Complete
FLASH POINT	No Data	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: Oxidizing materials.

CONDITIONS TO AVOID: Temperatures above boiling point. 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 oxides of carbon and oxides of nitrogen.

SAFETY DATA SHEET

PRODUCT NAME: CAL CLEAN 732 AL

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 may cause burns to the eyes.

SKIN

Acute (Immediate): No data available.

Chronic (Delayed): Contact may cause irritation and/or drying of the skin. Long-term or repeated exposure may cause an allergic reaction.

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.

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.

SECTION 14 - TRANSPORT INFORMATION

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

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PRODUCT NAME: CAL CLEAN 732 AL

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: 12/13/2024

PREPARER: Z. Magness