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 BAN® 3300**

PRODUCT CODE: CC3300

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

APPLICATION: Liquid Defoamer

INFORMATION PHONE: (513) 874-1113
EMERGENCY RESPONSE: (800) 535-5053

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification:

Physical	Combustible liquid-H227
Health	May be Harmful if Swallowed 5 – H303 Skin Damage 3 – H316 Eye Damage 2B – H320
Environmental	Not Classified

Label Elements: Signal Word **WARNING!**



HMIS RATING

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	B

Hazard Statements:

H227	Combustible liquid
H303	May be harmful if swallowed.
H316	Causes mild skin irritation.
H320	Causes eye irritation.

PRODUCT NAME: CAL BAN® 3300

SECTION 2 - HAZARDS IDENTIFICATION (Continued)

Precautionary Statements:	P210	Keep away from heat/sparks/open flames/hot surfaces.
	P233	Keep container tightly closed
	P235	Keep Cool
	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

COMPONENT	CAS NO.	Weight %
Petroleum Distillate	08052-41-3	20-30%
Napthenic Oil	67254-74-4	30-40%
Isobutyl Alcohol	00078-83-1	1-5%
Hexylene Glycol	00107-41-5	1-5%

SECTION 4 - FIRST AID MEASURES

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

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

INHALATION: 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: If swallowed, seek medical attention. Administer 2 glasses of water or milk. Do not induce vomiting unless directed to do so by medical personnel.

PRODUCT NAME: CAL BAN® 3300

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. Avoid accumulation of water. Product may be carried across water surface spreading fire or contacting an ignition source.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIFIC HAZARDS: None Known.

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 or explosion. For large spills, warn public of downwind exposure hazard. Check area with explosion meter before reentering area. Ground and bond all containers and handling equipment.

Vapor explosion hazard, keep out of sewers. Material may float on water and any runoff may create an explosion or fire hazard if ignited.

Pump with explosion-proof equipment. Absorb small spills with material such as dirt or sand. If available, use foam to smother or suppress.

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.

PRODUCT NAME: CAL BAN® 3300

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: Use of non-sparking or explosion-proof equipment may be necessary, depending upon the type of operation. Minimize sources of ignition, such as static buildup, heat, spark or flame. Keep containers tightly closed when not in use. Store in carbon steel, stainless steel, Teflon.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

COMPONENT	CAS NO.	OSHA PEL	ACGIH TLV
Petroleum Distillate	08052-41-3	100 ppm	100 ppm
Napthenic Oil	67254-74-4	5 mg/m^3	5 mg/m^3
Isobutyl Alcohol	00078-83-1	50 ppm	50 ppm
Hexylene Glycol	00107-41-5	C 25 ppm	C 25 ppm

RESPIRATORY PROTECTION: Use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

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.

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

PRODUCT NAME: CAL BAN® 3300
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, yellow liquid		
ODOR	Butyl Alcohol Odor	VAPOUR PRESSURE	20 mmHg
pH	6.3	VAPOUR DENSITY	No Data
FREEZING POINT	<5˚F	SPECIFIC GRAVITY	0.868
BOILING POINT	>240°F	SOLUBILITY IN WATER	emulifiable
FLASH POINT	>111°F	AUTO-IGNITION TEMP	No Data
EVAPORATION RATE	<1	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, temperatures >90 ^{o}F and open flames.

CONDITIONS TO AVOID: High Temperatures. 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: aldehydes, ketones, organic acids.

PRODUCT NAME: CAL BAN® 3300
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 eye irritation.
Chronic (Delayed): Will cause irritation or corneal injury.

SKIN
Acute (Immediate): A single exposure is not likely to be harmful.
Chronic (Delayed): Prolonged contact may cause dryness and irritation.

INHALATION
Acute (Immediate): A single exposure is not likely to be harmful.
Chronic (Delayed): Breathing of mist may cause slight irritation to nasal and respiratory system.

INGESTION:
Acute (Immediate): Large amounts of product may cause vomiting and/or diarrhea. May cause irritation to mucous membranes and gastrointestinal tract. Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury.
Chronic (Delayed): Any or all of the Acute effects may be delayed.

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.

PRODUCT NAME: CAL BAN® 3300

SECTION 14 - TRANSPORT INFORMATION

DOT (Department of Transportation): This product is regulated by DOT in bulk quantities only.
PROPER SHIPPING NAME: Combustible liquid, N.O.S., (Petroleum Distillates)
HAZARD CLASS: Combustible liquid
IDENTIFICATION NUMBER: NA1993
PACKING GROUP: III
LABEL(S) REQUIRED: Placards are needed for bulk quantity shipments only.

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):
Fire hazard: Combustible liquid

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: 2/27/18
PREPARER: J Yeary