

SAFETY DATA SHEET

Form: Liquid (GEH)

Section I - IDENTIFICATION

Product Name	CleanLINZ Evacuation Line Cleaner
Manufacturer Information	M.A.R.S Bio-Med Processes Inc. 1801 Wentworth Street West, Unit 1 Whitby, ON Canada L1N 8M2 (+1) 866-594-3648
Email Address	info@marsbiomed.com
Emergency Telephone	Call M.A.R.S Bio-Med Processes Inc. - Toll Free (+1)866-594-3648
Recommended Use	See product literature

SECTION II - HAZARDOUS IDENTIFICATION

Hazard Classification

Eye Damage/Irritation Category 2B
 Skin Corrosion/Irritation Category 2
 Sensitization - Respiratory Category 1
 Danger

Signal Word

Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H320 Causes eye irritation.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Pictogram(s):

Precautionary Statement(s)

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash face and hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P284 In case of inadequate ventilation wear respiratory protection.

Response Statement(s)

- P302/352 IF ON SKIN: Wash with plenty of water.
- P304/340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305/351/338 IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
- P308/311 IF exposed or concerned: call a poison center/doctor.
- P332/313 If irritation occurs: get medical advice/attention.
- P333/313 If skin irritation or rash occurs; get medical advice/attention.
- P337/313 If eye irritation persists; get medical advice/attention.
- P342/311 If experiencing respiratory symptoms; Call a POISON CENTER or doctor/physician.
- P362/364 Take off contaminated clothing and wash it before reuse.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	% Composition
Fragrance	Trade Secret	<2%
Proprietary bacterial blend	Trade Secret	Trade Secret
Alkoxylated alcohol	68439-46-3	<0.2%
Calcium Chloride	10043.52-4	<0.001%
Dipropylene glycol	25265-71-8	<0.5%
Dissolvane EDTA	64-02-08	<0.005%
Glycerol	56-81-5	<0.2%
Sodium acetate	127-09-3	<0.5%
Sodium benzoate	532-32-1	<0.2%
Sodium chloride	7647-14-5	<0.2%
Sodium hydroxide	1310-73-2	<0.3%
Sodium sulfate	7757-82-6	<0.5%
Potassium sorbate	24634-61-5	<0.2%
Potato dextrin	9004-53-9	<0.01%
Propylene glycol	57-55-6	2.5-4%
1,2-benzisothiazolin-3-one	2634-33-5	<0.1%
Alkaline protease	9014-01-01	<0.5%
Amylase	9000-90-2	<0.1%
Lipase	9001-62-1	<0.001%
Proprietary Surfactant	N/A	<0.2%
Water	7732-18-5	Remainder %

SECTION IV - FIRST AID MEASURES

Eye Contact	In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation develops, seek medical attention.
Skin Contact	Wash off with plenty of soap and water. If irritation persists, consult a physician.
Inhalation	If respiratory irritation or distress occurs, move victim to fresh air. If irritation persists, consult a physician.
Ingestion	If swallowed, rinse mouth and throat thoroughly with tap water. Drink water.
Notes to Physician	Treat symptomatically.

SECTION V - FIRE-FIGHTING MEASURES

Flammable Properties	N/A
Suitable Extinguishing Methods	Standard procedure for chemical fires. Foam. Water.
Protective Equipment	No special requirements.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures	Avoid contact with skin and eyes. Use personal protective equipment. Avoid breathing vapours.
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Methods for Containment	Avoid formation of aerosol. Contain and remove spilled product by mechanical means or with a vacuum cleaner equipped with a high efficiency filter. Avoid formation of aerosol.
Methods for cleanup	Avoid formation of aerosol.

SECTION VII - HANDLING & STORAGE

Precautions for Safe Handling	Never handle product without appropriate personal protective equipment in accordance with section 8. <u>Avoid formation of aerosol.</u> Avoid splashing and high pressure washing. Ensure good ventilation of the room when handling this product.
Conditions for Safe Storage	Keep container tightly closed in a cool, dry, well ventilated place.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	OSHA PEL 15mg/m ³ ACGIH TLV 10mg/m ³
Occupational Exposure Controls	N/A Ensure adequate ventilation. Local exhaust ventilation at the point of generation.
Engineering Measures	
Hygiene Measures	Handle in accordance with good hygiene & safety practices.
Personal Protective Equipment (PPE)	
Eye/Face Protection	Tightly fitting safety goggles.
Skin & Body Protection	Wear protective gloves/clothing.
Respiratory Protection	Use NIOSH approved respiratory protection such as full face mask.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance	Amber coloured liquid	Odor	Cherry Scent
Physical State	Liquid	pH	5.5-6.0
Melting/Freezing Point	Not Available	Boiling Point/Range	Not Available
Flash Point	Not Available	Evaporation Rate	Not Available
Flammability	Not Available	Explosion Limits	Not Available
Vapour Pressure	Not Available	Density	Not Available
Water Solubility	Miscible	Autoignition	Not Available
Decomposition		Temperature	Not Available
Temperature	Not Available		

SECTION X - STABILITY & REACTIVITY

Stability	Stable under normal storage conditions.
Reactivity	Not available
Decomposition Products	Not available
Incompatibility	Not available
Conditions to avoid	Not available

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Exposure:	Eye contact, skin contact, ingestion, inhalation.
Symptoms:	
Immediate	May cause irritation to the eyes, skin, mucus membranes and the upper respiratory tract.

Delayed	Not available
Acute Toxicity	Not available
Eye irritation	May cause minor irritation.
Skin irritation	May cause minor irritation.
Respiratory irritation	May cause minor irritation.
Sensitization towards product:	Inhalation of mist/dust may cause allergic respiratory reactions, including asthma, in susceptible individuals on repeated exposure.
Germ Cell Mutagenicity	Not available
Reproductive toxicity	Not expected to produce reproductive toxicity.
Carcinogenicity	Not classified as a carcinogen by IARC, OSHA, or NTP.

SECTION XII - ECOLOGICAL INFORMATION

Persistence and Degradability	No data available; readily biodegradable components and viable microorganisms.
Eco Toxicological Information	No data available
Adverse Effects	None Expected
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	Not available

SECTION XIII - DISPOSAL CONSIDERATIONS

This material is not considered hazardous waste according to Federal regulations (40-CFR-261). Consult local, regional, or state regulations for additional requirements.

SECTION XIV - TRANSPORT INFORMATION

Harmonized Tariff Code	3002.90.10 (for Microbials) 3507.90.7000 (for Enzymes)
UN Number	Not classified
UN Proper Shipping Name	Not classified
Transportation Hazard Class	Not classified
Packing Group	Not classified
Transport Environmental Hazard	Not classified
MARPOL	Not classified

SECTION XV - REGULATORY INFORMATION

All components of this product are listed or exempt from listing on the TSCA inventory.

SECTION XVI - OTHER INFORMATION

Revision History: Effective Date: 08/31/22 **Supersedes:** First Issue
GHS 2015 FORMAT

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of the company, it is the responsibility of the user to determine the conditions for safe use of this product. This information does not represent analytical specifications.

END OF SDS