

1. IDENTIFICATION OF USE, PRODUCT, AND COMPANY

PRODUCT NAME
USE:

STEP-2
Solution For Bovine Foot bath

Manufacturer

LIBERCHEM



LIBERCHEM Inc
572 Avenue Orly, Dorval
Quebec, Canada
H9P 1E9
Tel: 514 631-7177

EMERGENCY PHONE

Poison Control Center (Québec): 1 (800) 663-5060
CANUTEC: (613) 996-6666

2. HAZARDOUS IDENTIFICATION

- Hazard Classification of the substance or mixture-**

This product is not regulated; it is classified according to the Globally Harmonized System (GHS)

- Label Element**

- Not applicable

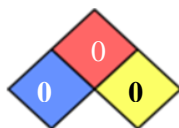
- Caution Requirement**

- Not applicable

This mixture consists of unknown toxicity ingredients

Remove the contents of the containers according to national, international, regional and local regulations

Classification System according to NFPA scale (0-4)



Health = 0
Fire = 0
Reactivity: 0

HMIS - Scale (0-4)

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

3. COMPOSITION

HAZARDOUS INGREDIENTS

Chemical Characteristic: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

68131-39-5	Ethoxylate C12-C15 Alcohol	7 - 13 %
57-55-6	Propane-1,2 diol	10 - 20 %
52-51-7	2 Bronopol	0.5 - 1 %
684242-85-1	Alkyl dimethyl benzyl ammonium chloride	1 - 3 %

4. FIRST AID MEASURES

INHALATION: No risk is known under normal condition Get medical attention
SKIN: Rinse with water. Remove contaminated shoes and clothing. If irritation occurs and if it persists, seek medical attention.
EYES: Flush eyes with clean running water. If irritation occurs, seek medical attention.
INGESTION: Do not induce vomiting, do not swallow to an unconscious person. If conscious wash out bouche.et make it take much water. Consult a doctor immediately.

- Symptoms and most important effects (acute and delayed): (See Section 11) -No other relevant information available.

5. FIRE FIGHTING MEASURES

- MEANS OF EXTINCTION: Use appropriate means to extinguish the fire: Water, Carbon dioxide (CO₂), chemical foam, sand or earth.
- FIRE EXTINCTIONS INAPPROPRIATE: No further relevant information available.
- SPECIFIC HAZARDS PRODUCT OR DANGEROUS MIX: No further relevant information available
- SPECIAL PROTECTION EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS: Use personal protective equipment.

6. ACCIDENTAL RELEASE MESURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY MEASURES: Wear protective equipment, keep people not protected. (Refer to section 8 for personal protection). and section 13 for data on disposal.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Using absorbent materials such as sand, vermiculite, universal absorbent, sawdust, Use with adequate ventilation. (Refer to section 13 for disposal of the product).

SAFETY DATA SHEET

7. HANDLING AND STORAGE

- SAFETY PRECAUTIONS IN HANDLING: The workplace should be well ventilated to prevent vapor formation. WARNING! May cause eye and skin irritation. Prevent contact with eyes, skin and clothing. Wear recommended protective equipment. Keep containers tightly closed when not in use. Ë Wash thoroughly after handling.
- CONDITIONS SECURITY OF STORAGE AND INCONSISTENT EQUIPMENT: Keep out of the reach of children

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- CONTROL PARAMETERS,

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

No substance with limit values for occupational exposure.

- ENGINEERING MEASURES SUITABLE: Ensure adequate ventilation, especially in confined areas. local exhaust ventilation, or other engineering controls to maintain the levels of suspended substances to below the exposure limits. Eyewash and emergency shower must be available at the workplace for handling this product.
- PERSONAL PROTECTIVE MEASURES

GLOVES: Impervious gloves

EYES: Safety goggles

PROTECTION: Boots if needed

OTHER: Protective clothing



9. PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

APPEARANCE:	Dark Blue liquid
ODOR	Characteristic
OLFACTIF ODOR	Not available
pH	~ 4.0
MELTING POINT	Not available
BOILING POINT	100 °C.
FLASH POINT	S.O.
EVAPORATION RATE	Not available
FIRE (Solid, gaseous)	non-applicable
LOWER FLAMMABLE LIMITS	Not available
UPPER FLAMMABLE LIMITS	Not available
VAPOR TENSION (20 °C)	Not available
DENSITY (20 °C)	1.04 – 1.07
SOLUBILITY IN WATER	Complete
VAPOR DENSITY	Not available
COEFFICIENT (n-octanol/water)	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITÉ (Brookfield)	Non-applicable

10. STABILITY. ET REACTIVITY

- | | |
|----------------------------|---|
| • REACTIVITY | Stable |
| • CHEMICAL STABILITY | Stable under normal conditions |
| • RISK DANGEROUS BRECTIONS | No dangerous reactions known |
| • CONDITIONS TO AVOID | No further relevant information available |
| • INCOMPATIBLE MATERIALS | Acids, base, oxidizing products. |
| • HAZARDOUS DECOMPOSITION | Carbon oxide. |

11. TOXICOLOGICAL INFORMATION

- INFORMATION ON TOXICOLOGICAL EFFECTS

57-55-6	Propane-1,2 diol (10 – 20%)
Oral (LD50)	21.7 g/kg (rat)

HEALTH EFFECTS	No risk is known for health under normal condition
CHRONIC EXPOSURE	If excessive exposure, may cause eye irritation.
CANCEROGÉNÉCITY	No component of this product is identified as a probable carcinogen, possible or confirmed human by IARC.
MUTAGENICITY	Not available Data
TERATOGENICITY	Not available Data

12. ECOLOGICAL INFORMATION

ÉCOTOXICOLOGY Harmful for aquatic organism.

Code product: 104971

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SAFETY DATA SHEET

PERSISTENCE AND DEGRADABILITY	Not Available
BIOACCUMULATION POTENTIAL MOBILITY IN SOIL	This product is not considered bio accumulative
OTHER ADVERSE EFFECTS	Not available

13. DISPOSAL CONSIDERATIONS

Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers / pipes water supply. Dispose in accordance with all applicable regulations

WASTE AND WASTE / UNUSED Dispose in accordance with all local, state and federal

14. TRANSPORT INFORMATION

UN Number TMD, DOT, IMDG, IATA	Not Regulated
Official Transport information	Not Regulated
Hazardous Classification ADR Transport	Not Regulated
Packaging group	Not Regulated
Environmental Hazards	None

15. REGULATORY INFORMATION

PRODUCT AS SOLD
WHMIS CLASSIFICATION Not Regulated

The components of this product are on the following inventories

- Canadian Domestic Substances List (DSL): All components of this product are on the Domestic Substances List (DSL) Canada
- Inventory of US TSCA: On TSCA Inventory

16. OTHER INFORMATION

Date of issue 08/04/2025
Version 4.0
Prepared by Regulatory affairs

We characterized the general risks of the product depending on the USE THAT WE RECOMMEND FOR THIS PRODUCT.

Any use not in accordance with our recommendations may affect the risk characterization.

This fact sheet provides information on health and safety. The product must be used in applications consistent with our product literature. Anyone using this product should be informed of the precautions of the product and should have access to this information. For all other uses, exposures should be evaluated in order to allow the appropriate handling practices and training program that will ensure safety in the workplace. For more information, please contact your local sales representative.

DISCLAIMER OF RESPONSABILITY: The above information is based on data considered accurate. No warranty, express or implied is based in relation to this data or information. User is responsible for determining whether the product is suitable for conditions of use.