

SAFETY DATA SHEET

1. IDENTIFICATION OF USE PRODUCT AND COMPANY

PRODUCT NAME : **ALCOFOAM-70**
USE : **Foaming Hand disinfectant**

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

EMERGENCY PHONE Centre antipoison (Québec) : 1 (800) 663-5060
CANUTEC : (613) 996-6666

2. HAZARD(S) IDENTIFICATION

- Hazard Classification of the substance or mixture-

- Flammable liquid and vapor, causes eye irritation

• Label elements



Caution Requirement:

If medical advice is needed; have container or label available.

Keep out of reach of children

Read the label before use

Avoid breathing spray mist.

Skin contact (hair): Remove contaminated clothing immediately, rinse with water in the shower

Eye Contact: Rinse cautiously with water for several minutes, Remove contact lenses if present and easy to remove, continue flushing

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

Classification system according to NFPA - Scale (0-4)

HMIS - scale (0-4)



Health = 1
Fire = 3
Reactivity : 0

SANTE	1
INFLAMMABILITE	3
DANGER PHYSIQUE	0

3. COMPOSITION / INFORMATIONS ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Characteristic : Mixtures

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

64-17-5	Ethanol	≥ 70 %
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4. FIRST AID MEASURES

INHALATION: Remove victim to fresh air, if the victim is unconscious, place on the front side of the transported. 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 mouth 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.
- Getting immediate medical attention and special treatment, if any: If swallowed, gastric lavage with a soluble protein or starch solution will eliminate iodine in the stomach. Subsequent treatment may be to correct the imbalance between the electrolyte and fluid.

5. FIRE FIGHTING MEASURES

- **MEANS OF EXTINCTION:** Use appropriate means to extinguish the fire: Water, Carbon dioxide (CO₂), chemical foam, sand or earth.
- **FIRE EXTINGUISHINGS 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.

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6. ACCIDENTAL RELEASE MEASURES

- 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).

7. HANDLING AND STORAGE

- HANDLING SAFETY PRECAUTIONS: Keep away from fire, sparks and hot surfaces.
- FIRE AND EXPLOSION PREVENTION: Keep away from sources of ignition - do not smoke. Take measures against electrostatic charges.
- SAFETY CONDITIONS RELATING TO INCOMPATIBLE STORAGE AND MATERIAL: Keep away from heat and sources of ignition. Store away from oxidizing agents. Keep out of the reach of children. Store between 0 and 25 ° C

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- CONTROL PARAMETERS,

COMPONENTS WITH LIMIT VALUES FOR OCCUPATIONAL EXPOSURE	
64-17-5 Ethanol	
TWA	1000 ppm, 19000 mg/m ³ NIOSH REL

- 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

GANTS : Gants imperméables

YEUX : Lunettes protectrices

PROTECTION : Bottes aux besoins

AUTRES : Vêtement de protection au besoin



9. PHYSICAL AND CHEMICAL PROPERTIES

APPARENCE :	Clear Liquid
ODOR	Alcohol
OLFACTIF ODOR	Not available
pH	S/O
MELTING POINT	Not available
BOILING POINT	100° C.
FLASH POINT	160 ° C.
EVAPORATION RATE	Not available
FIRE (Solid, gaseous)	Non applicable
LOWER FLAMMABLE LIMITS	Not available
UPPER FLAMMABLE LIMITS	Not available
VAPOR TENSION (20 °C)	17 mm Hg
DENSITY (20 °C)	0.8-0.9
SOLUBILITY IN WATER	Complete
VAPOR DENSITY	Not available
COEFFICIENT (n-octanol/water)	Not available
DECOMPOSITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY (Brookfield)	Not available

10. STABILITY. ET REACTIVITY

- REACTIVITY Not determined
- CHEMICAL STABILITY Stable under normal conditions
- RISK DANGEROUS BREACTIONS Do not mix with bleach or other chlorinated products – will cause chlorine gas
- CONDITIONS TO AVOID Avoid extreme heat, flames and sparks
- INCOMPATIBLE MATERIALS No other important information available
- HAZARDOUS DECOMPOSITION may include; Carbone oxides, sulphur oxides, oxides of phosphorus, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

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• INFORMATION ON TOXIC EFFECTS,

64-17-5 Éthanol	
LC50	95.6 mg/l/ 4 hr (rat)
LD50 oral	7060 mg/kg (rat)-.

HEALTH EFFECTS	May cause gastrointestinal tract irritation, nausea, vomiting and headache. May cause irritation following prolonged skin contact. No eye irritation effect.
INHALATION CHRONIQUES	May cause mild irritation if excessive exposure may cause eczema and inflammation of the skin
CANCEROGÉNÉCITY	No component of this product is identified as a probable carcinogen, possible or confirmed human by IARC..
MUTAGENICITY	No available Data
TERATOGENICITY	No available Data

12. ECOLOGICAL INFORMATION

TOXICITY	Ethanol 96 h CL50 Pimephales promelas > 100 mg/l
POTENTIEL DE BIOACCUMULATION/MOBILITÉ DANS LE SOL	This product is not presumed to bioaccumulate
PERSISTENCE AND DEGRADABILITY	Not Available
BIOACCUMULATION POTENTIAL MOBILITY IN SOIL	Not Available
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	UN1170
TMD, DOT, IMDG, IATA	
Official Transport information	Ethanol solution

Hazardous Classification ADR Transport



Classe : 3
Packaging group: III
Label : Flamme,

Dangers pour l'environnement Non

15. REGULATORY INFORMATION

PRODUCT AS SOLD	
WHMIS CLASSIFICATION	B3 flammable liquid

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	30/06/2020
Version	1.0
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 RESPONSIBILITY: 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.