

1. IDENTIFICATION OF USE PRODUCT AND COMPANY

PRODUCT NAME **ACIDE ONE**
USE: Concentrated Acid Cleaner for CIP tanks and pipes

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

EMERGENCY CONTACT
Poison Control Center (Quebec): 1 (800) 663-5060
CANUTEC: (613) 996-6666

2. IDENTIFICATION DES DANGERS

• Classification du risque de la substance - Mention de Danger



GHS05 CORROSION

Hazard statement

Skin corrosion, serious damage to eyes causes severe burns to the skin. Harmful if swallowed causes burns of the digestive system. May cause irritation of the nose, throat and lungs.

• Label elements



Sulfuric Acid

• 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: NFPA Rating – Scale (0-4)



health =3
Inflammability= 0
Reactivity: 0

HMIS - échelle (0-4)

HEALTH	3
INFLAMMABILITY	0
PHYSICAL HAZARDS	0

3. COMPOSITION

HAZARDOUS INGREDIENTS:

Chemical Characteristic: Mixtures

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

7664-93-9	Sulfuric acid	10 – 25 %
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4. FIRST AID

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.

- Most important symptoms and effects, (acute and delayed): (Consult section 11) -No further relevant information available.
- Indication of any immediate medical attention and special treatment needed: No further relevant information available.

Code product: 105614

Page 1 sur 4

5. FIRE-FIGHTING MEASURES

- MEANS OF EXTINCTION: Use appropriate means to extinguish the fire: Carbon dioxide (CO₂), chemical foam, sand or earth.
- FIRE EXTINCTIONS INAPPROPRIATE: Avoid direct contact with water can cause a violent exothermic reaction.
- SPECIFIC HAZARDS PRODUCT OR DANGEROUS MIX: No further relevant information available
- HAZARDOUS COMBUSTION: the decomposition products may include carbon monoxide.
- SPECIAL PROTECTION EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS: Use personal protective equipment.

6. ACCIDENTAL SPILL MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY MEASURES: Wear protective equipment, remove away unprotected persons. Do not touch damaged containers persons or spilled products (Refer to section 8 for personal protection). and section 13 for data on disposal.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Using non-combustible 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

- SAFETY PRECAUTIONS IN HANDLING: The workplace should be well ventilated to prevent vapor formation
- CONDITIONS SECURITY OF STORAGE AND INCOMPATIBLE MATERIALS: Avoid heat, chlorine products or products containing chloride

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES FOR OCCUPATIONAL EXPOSURE	
7664-93-9	Sulfuric Acid (10 – 25%)
VLE	3 mg / m ³
VME	1 mg / m ³

ENGINEERING MEASURES SUITABLE: Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to control 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 EQUIPMENT:

GLOVES: Waterproof gloves



EYES: Protective glasses



RESPIRATORY: Cartridge mask if needed



OTHERS: Protective clothing



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark pink liquid
ODOR	none
OLFACTIVE ODOR:	Unavailable
pH	< 1.0
MELTING POINT	Unavailable
BOILING POINT	100 °C.
FLASH POINT	S/O
EVAPORATION RATE	Unavailable
FIRE (SOLID, GASEOUS)	Unavailable
LOWER FLAMMABLE LIMIT	Unavailable
UPPER FLAMMABLE LIMIT	Unavailable
VAPOR TENSION (20 °C)	Unavailable
DENSITY (20 °C)	1.15 – 1.25
SOLUBILITY IN WATER	Complete
VAPOR DENSITY	Unavailable
COEFFICIENT (n-octanol/eau)	Unavailable
DECOMPOSITION TEMPERATURE	Unavailable
VISCOSITY	Unavailable

10. STABILITY AND REACTIVITY

- REACTIVITY
 - CHEMICAL STABILITY
 - RISK DANGEROUS REACTIONS
- Stable under normal conditions.
No dangerous reactions know

Code product: 105614

- CONDITIONS TO AVOID No further relevant information's available
- INCOMPATIBLE MATERIALS Bases, metals, organic material, amines,
- INCOMPATIBLE MATERIALS Hydrogen, sulfur dioxide

11. TOXICOLOGICAL INFORMATION

- INFORMATIONS ON TOXICOLOGICAL EFFECTS,

Acute toxicity:

7664-93-9	Sulfuric Acid (10 – 25%)
Oral (LD50)	2140 mg.kg (rat)

HEALTH EFFECTS /
CHRONIC EXPOSURE

Causes burns to the respiratory tract, accompanied by a burning sensation in the nose and throat, coughing, wheezing, shortness of breath and Pulmonary edema. Symptoms of pulmonary edema can occur after exposure. A chronic skin contact at low concentration to cause dermatitis. May be fatal if swallowed, inhaled or absorbed through skin. Corrosive, Target organs: respiratory tract, skin, eye, teeth, 15 mg/m3 (Sulfuric Acid) is highly dangerous for health.

CANCEROGÉNÉCITY

No component of this product is identified as a probable carcinogen, possible or confirmed human by l'ARC.

MUTAGENICITY

not available Data

TERATOGENICITY

not available Data

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY The product is not classified as dangerous for the environment. However, this does not exclude the possibility that large or frequent discharges may have an adverse or harmful effect on the environment. Due to the high pH of this product, it can be expected to produce significant ecotoxicity if exposed to aquatic organisms and systems
Toxicity to poison Gambusia: 138 mg / L 96 h

PERSISTENCE AND DEGRADABILITY

Not Available

BIOACCUMULATIVE POTENTIAL

This product is not considered bio accumulative

MOBILITY IN SOIL

Not Available

OTHER NOCIFS 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

UN3264

TMD, DOT, IMDG, IATA

UN PROPER SHIPPING NAME

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (Sulfuric Acid)

TRANSPORT HAZARD
CLASS(ES)



Class: **8** Corrosive substances

Label: **8**

Packaging group

II

ENVIRONMENTAL HAZARDS

Non

15. . REGULATORY INFORMATION

PRODUCT AS SOLD

WHMIS CLASSIFICATION

E Corrosive Material

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

Emission date 27/05/2025

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 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.