



# Agro-Bio Contrôle inc.

## Safety Data Sheet ACERINEUTRE

### SECTION 1: IDENTIFICATION

#### Product Identifier

Product Form: Mixture

Product Name: ACERINEUTRE

#### Intended Use of the Product

Neutralisation acidic solution; others.

#### Name, Address, and Telephone of the Responsible Party

Company: Agro-Bio Controle

8550 Émilien-Letarte

Saint-Hyacinthe, Québec

Phone: 450 253-2476

[www.agrobiocontrole.ca](http://www.agrobiocontrole.ca)

#### Emergency Telephone Number

Emergency Number : Canada: CANUTEC +1-613-996-6666 / US: CHEMTREC +1-800-424-9300  
INTERNATIONAL: +1-703-741-5970

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification

Acute toxicity, Oral	Category 3
Skin corrosion	Category 1
Serious eye damage	Category 1

#### Hazard Pictograms



Signal Word

Danger

**GHS Label Elements, including  
precautionary statements:****Hazard Statements**

H290 - May be corrosive to metals.  
 H302 - Harmful if swallowed.  
 H314 - Causes severe skin burns and eye damage.

**Precautionary Statements**

P234 - Keep only in original container.  
 P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash hands, forearms, and others exposed areas thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P273- Avoid release to the environment  
 P280 - Wear protective gloves, protective clothing, and eye protection.  
 P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P310 - Immediately call a POISON CENTER or doctor.  
 P330 - Rinse mouth.  
 P363 - Wash contaminated clothing before reuse.  
 P390 - Absorb spillage to prevent material damage.  
 P405 - Store locked up.  
 P406 - Store in corrosive resistant container with a resistant inner liner.  
 P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

**Unknown acute toxicity** No data available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Name	Product Identifier	%
Potassium hydroxide	(CAS-No.) 1310-58-3	5-20
Inorganic salt		30 - 70

## SECTION 4: FIRST AID MEASURES

### Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: Move the person to fresh air and keep him in a position where he can comfortably breathe. Get immediate medical attention

**Skin Contact:** Wash immediately with plenty of water for at least 15-20 minutes while removing contaminated clothing, shoes included. Remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Wash contaminated clothing before reuse. Get immediate medical advice/attention in case of skin irritation.

**Eye Contact:** Rinse cautiously and thoroughly with water for at least 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Obtain medical attention.

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Harmful if swallowed. Causes severe skin burns and eye damage. May be corrosive to the respiratory tract.

**Inhalation:** May be corrosive to the respiratory tract.

**Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Eye Contact:** Cause severe eye burns.

**Ingestion:** This material is harmful if. May cause burns or irritation of the linings of the mouth, throat, and swallowed gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, dry chemicals, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a heavy-water stream. Use of a heavy stream of water may spread fire.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

Emits toxic fumes under fire conditions.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter the fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Corrosive vapors, Toxic fumes of: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), metal oxides.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in the eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crews with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### **Methods and Materials for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb spillage to prevent material damage. Transfer spilled material to a suitable container for disposal.

### **Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### **Precautions for Safe Handling**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Do not get in the eyes, on skin, or on clothing. Do not breathe mist, spray, vapors. Wear goggles and rubber gloves when handling. Do not eat, drink or smoke while using this product. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Additional Hazards When Processed:** May be corrosive to metals.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in original containers, securely closed if not in use. Keep the container in a safe place away from heat sources. Avoid contact with incompatible material (acids, oxidizing agents, reducing agents, flammable products, combustible products, etc.). Avoid freezing. Store at a temperature between 2°C and 30°C. Do not use aluminum or galvanized.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Occupational exposure controls**

ACGIH TLV  
2 mg/m<sup>3</sup> (ceiling)

**Exposure Controls**

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective goggles. Protection.

**Materials for Protective Clothing:** Chemicals resistant clothing.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink, or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Not available
<b>Odor Threshold</b>	Not available
<b>pH</b>	>11
<b>Evaporation Rate</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	2°C (properly storage)
<b>Boiling Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Flammability (solid, gas)</b>	Not flammable
<b>Lower Flammable Limit</b>	Not applicable

Upper Flammable Limit	Not applicable
Vapor Pressure	Not available
Relative Vapor Density at 20°C	Not available
Relative Density	Not available
Specific Gravity	1.5-1.55
Solubility	100%
Partition Coefficient: N-Octanol/Water	Not available
Viscosity	Not available
VOC content	Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** May be corrosive to metals.

**Chemical Stability:** Stable under recommended handling and storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Acids, oxidizing agents, reducing agents, flammable products, combustible products, etc.

**Hazardous Decomposition Products:** Thermal decomposition may generate: Corrosive vapor

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Oral: Harmful if swallowed.

**Acute Toxicity (Dermal):** Not available

**Acute Toxicity (Inhalation):** Not available

**Acute Toxicity (Ingestion):**

LD50- Rat -273 mg/kg (KOH)

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage, **pH:** >11

**Eye Damage/Irritation:** Causes serious eye damage, **pH:** >11

**Respiratory or Skin Sensitization:** Not available

**Germ Cell Mutagenicity:** Not available

**Carcinogenicity:** Not available

**Specific Target Organ Toxicity (Repeated Exposure):** Not available

**Reproductive Toxicity:** Not available

**Specific Target Organ Toxicity (Single Exposure):** Not available.

**Symptoms/Effects After Ingestion:** This material is harmful orally and can cause adverse health effects in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** None expected under normal conditions of use.

## SECTION 12: ECOLOGICAL INFORMATION

**Eco toxicity:**

**Aquatic vertebrate:** LC50-Gambusia affinis -80 mg/L-96 h

**Persistence and Degradability:** Not available.

**Mobility in Soil:** Not available.

**Other Adverse Effects:** Not available.

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

TDG

UN 1760, corrosive liquide, 8, PG II

## SECTION 15: REGULATORY INFORMATION

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation:** 01/25/2021

**Date of revision:** 04/29/2021

**Version:** VE2.210429

*Handle product with due care and avoid unnecessary contact. This information is supplied under U.S. OSHA'S "Right to Know" (29 CFR 1910.1200) and Canada's WHMIS regulations. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The information contained herein is based on data available to us and is believed to be true and accurate but it is not offered as a product specification. No warranty, expressed or implied, regarding the accuracy of this data, the hazards connected with the use of the product, or the results to be obtained from the use thereof, is made and Agro-Bio Controle and its affiliates assume no responsibility.*