



MEDICAL & SAFETY DATA SHEET (MSDS)

Concrete Remover Eco-Friendly

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

- Producto Name: Concrete Remover Eco-Friendly
- Producto Code: CR EF
- Version: 1.
- Rev. Date: April 2022
- Manufacturer: QUIMICA SOLUCIONES INTEGRALES DE COLOMBIA
- S.A.S.
- Address: Calle 17 A # 52 - 31
- Emergency Phone: 57 315 3415697
- Web Page: www.quimisco.com

2. HAZARD IDENTIFICATION / WARNINGS

2.1 Mix Clasification

According (CE) n°. 1272/2008 [CLP/GHS] H314

Acute Toxicity, Category 4, H332 Skin Corrosion, Category 1B, H314

2.2 Warning Pictogram.



Signal Words. Warning

- Physical Hazard Precautionary Statements:
 - H303: May be harmful if swallowed
 - H315: Causes skin Irritation
 - H318: Causes serious eye damage.
 - H335: May cause respiratory irritation.
- Prevention Precautionary Statements.
 - P271: Use only outdoors or in a well ventilated area.

P280: Wear Protective Gloves / Protective Clothing / face protection / eye protection.

P261: Avoid breath dust / Vapours.

- Response Precautionary Statements.
 P305+P351+P338: IF IN EYES: Rinse cautiously with fresh water for several minutes. Remove contact lenses if present. Continue Rinsing.
 P302+P352: IF IN SKIN: Immerse in cool water or wrap in wet bandages.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable to breath..
 P332+P313: Get Medical help.
 P362+P364: Take off contaminated clothes and wash it before reuse.
- Storage Precautionary Statements.
 P405: Store locked up
 P403+P233: Store in a well ventilated place. Keep container tightly closed

3. COMPOSITION/INFORMATION OF INGREDIENTS

INGREDIENT	CAS Number	Percentage
3-carboxi-3-hydroxipentanedioic Acid	77-92-9	5 - 20
2-hydroxiethanoic Acid	79-14-1	20 - 50
2-hydroxiopropanoic Acid	50-21-5	10 - 30
Ethoxylated fatty Alcohol	68551-12-2	1 - 5

Chemical Nature: Acid Solution for descaling surfaces

4. FIRST AID MEASURES

- Inhalation: Remove person to fresh air.
- Skin Contact: Take off contaminated clothes and wash well with soap and water.
- Eye contact: Rinse cautiously with fresh water for several minutes
- If Swallowed: Do not induce vomiting. Get large amounts of water

5. FIRE FIGHTING MEASURES

Flash point: Not Available.
 Suitable extinguishing media: Water, dry chemical dust, foam o CO₂.
 Specific Hazardous: NFPA: Health 1, Fire 0, Reactivity 1.
 Fireman Protection: Wear Protective Mask with respirative protection.

6. ACCIDENTAL RELEASE MEASURES

- Personal Protection: Go to Sections 8 & 10. Wear protection equipment.
- Environmental Protection: Do NOT throw product to sewer system.
- Cleaning Measures: Pure product must be collected on absorbent material. And disposed as solid residue.

7. HANDLING AND STORAGE

Handling

- Technical Measures: Avoid prolonged contact.
- Cautions: Avoid ingestion. Wash hands after handling.
- Handling Precautions: Avoid breath vapours.

Storage

- Technical Measures: Keep containers tightly closed.
- Storage condition: Store in a well ventilated area.
- Incompatibilities: Alkaline substances.

Packing Materials

- Recommended: Manufacturer's original package.
- Not Recommended: Not liquid designed packages

8. EXPOSURE CONTROL PERSONAL PROTECTION

- Exposure limits :

3-carboxi-3- hydroxipentanedioic Ácid	No data
2-hydroxi-propanoic Ácid	592 mg/m ³ DNEL
2-hydroxiethanoic Ácid	1.53 mg/m ³ DNEL
Surfactant	No data
- Engineering Measures: Well ventilated working area
- Control Parameters: Mechanical aeration may be required.

Personal protection equipment

- Respiratory Protection: Wear NIOSH approved equipment
- Hand Protection: Wear rubber or neoprene gloves
- Eye Protection: Wear safety goggles.
- Skin and Body Protection: Wear adequate clothing to avoid skin contact.

9. PROPIEDADES FÍSICAS Y QUÍMICAS

- Physical form: Clear liquid
- Colour: Amber
- Odour: Slightly sweet
- pH: < 2.0
- Flash point: No.
- Burst risk: No.
- Density: 1.10 – 1.20
- Water Solubility: Any proportion
- Boiling Point: Not available.

10. STABILITY & REACTIVITY

- Stability: Stable under normal conditions of Handling and Storage.
- Materials to avoid: Alkalines and Strong Oxidizers
- Decomposition: Carbon Oxides

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity (Oral) : Toxic if swallowed
- Acute Toxicity (Inhaled): Harmful if breath vapours. May cause respiratory irritation.

12. ECOLOGICAL INFORMATION

- Environmental effects: Harmful for watercourses. Keep away of servers.

13. DISPOSAL CONSIDERATIONS

- Residue Disposal: Waste disposal should be in accordance with local regulations.
- Contaminated packages: Empty packages may contain producto residues. Must be cleaned before disposal.
- Local Regulation: Review all the National and Regional regulations

14. TRANSPORT INFORMATION

United States Transport	(49 CFR)
Transport Name:	Corrosive Organic Acid, Liquid
Class:	8
UN Number:	UN 3265
Group:	III

15. REGULATORY INFORMATION

All the components are present in the list Toxic Substances Control Act Inventory

Regulations

- WHMIS Clasification: Class D - Division 2 - Subdivision B
- HMIS Calification: Health 1 - Flammability 0 - Reactivity 1

16. OTHER INFORMATION

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