

# Safety Data Sheet



## 1. Identification

**Product Information:** 53471205  
**Family:** 557  
**Product Name:** COAGULANTE CQ-205  
**Recommended Use:** Additive  
**Supplied by/Manufacturer:** SUR QUIMICA S.A.  
 Calle 38, contiguo al Cementerio La Uruca.  
 San José, Costa Rica, Centroamérica  
 Tel Información: (506) 2211-3700,  
 Fax: (506) 2256-0690  
**Emergency Telephone:** CHEMTREC: 1-800-424-9300 INTERNATIONAL: (506) 2211-3911  
**Safety Data Sheet Coordinator:** sds@gruposur.com

## 2. Hazards Identification

### GHS Classification

Eye Dam. 1, Met. Corr. 1

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Serious Eye Damage, category 1	H318	Causes serious eye damage.
Corrosive to Metals, category 1	H290	May be corrosive to metals.

### GHS LABEL PRECAUTIONARY STATEMENTS

P234	Keep only in original packaging.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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/physician.
P390	Absorb spillage to prevent material damage.

## 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
Cloruro de polialuminio	1327-41-9	90-100	GHS05	H318

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

#### 4. First-aid Measures



**FIRST AID - INHALATION:** Artificial respiration and/or oxygen may be necessary. Keep the victim calm. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves. Oxygen or artificial respiration if needed. If inhaled, remove to fresh air. Give oxygen if necessary. Consult a physician if symptoms persist or exposure is severe.

**FIRST AID - SKIN CONTACT:** Seek medical advice. In case of skin contact, wash immediately with plenty of water for at least 20 minutes. In case of contact, wash skin immediately with soap and water. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes.

**FIRST AID - EYE CONTACT:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**FIRST AID - INGESTION:** If ingested, do not induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

#### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not flammable. No special fire-fighting procedures are required.

**SPECIAL FIREFIGHTING PROCEDURES:** Not combustible. Non-combustible substances do not ignite on their own.

**EXTINGUISHING MEDIA:** None Known

#### 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** Do not allow to enter drains, sewers, or sewers. Inform the authorities in the event of a leak in natural water courses or in the sewage system.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. With clean shovel, place material into clean, dry container and cover loosely; move containers from spill area. Wet down with water and dike for later disposal.

#### 7. Handling and Storage



**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. IATA prohibits air cargo transport. Keep out of reach of children. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Use in well ventilated area.

**STORAGE:** Keep in a dry, cool and well-ventilated place. Once used, the container should be closed and keep in a well ventilated area and in vertical position to prevent losses. Keep containers closed when not in use.

#### 8. Exposure Controls/Personal Protection

##### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Cloruro de polialuminio	N.E.	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

##### Personal Protection



**RESPIRATORY PROTECTION:** In case of inadequate ventilation wear respiratory protection.



**SKIN PROTECTION:** Rubber or plastic gloves. Gloves should be inspected before use. Use the correct technique to remove the gloves (without touching the exterior surface) to prevent skin contact with the product.



**EYE PROTECTION:** Safety glasses with side-shields to prevent possible splashing of the product.



**OTHER PROTECTIVE EQUIPMENT:** When required, according to the concentration of the product, wear chemical protective clothing with limited thermal protection.



**HYGIENIC PRACTICES:** Wash hands and face before breaks and immediately after handling the product. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Polvo	<b>Physical State:</b>	Solid
<b>Odor:</b>	Characteristic	<b>Odor Threshold, ppb:</b>	No Information
<b>Density, g/ml:</b>	1.000	<b>pH:</b>	No Information
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity, cP:</b>	No Information
<b>Solubility in Water:</b>	Sí	<b>Partition Coefficient, n-octanol/water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	0 - 0	<b>Explosive Limits, %:</b>	0.0 - 99.0
<b>Combustibility:</b>	Sin Información	<b>Flash Point, °C:</b>	100
<b>Evaporation Rate:</b>	No Information	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	No Information	<b>Vapor Pressure, mmHg:</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Avoid formation of dust and aerosols.

**INCOMPATIBILITY:** Oxidizing agents, strong acids and strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** To avoid thermal decomposition, do not overheat.

## 11. Toxicological Information



### Practical Experiences

### INFORMATION ON TOXICOLOGICAL EFFECTS

**Acute Toxicity:** No Information

**Skin corrosion/irritation:** No Information

**Serious eye damage/eye irritation:** No Information

**Respiratory or skin sensitisation:** No Information

**Germ cell mutagenicity:** No Information

**Carcinogenicity:** No Information

**Reproductive toxicity:** No Information

**Specific target organ toxicity - single exposure:** No Information

**Specific target organ toxicity - repeated exposure:** No Information

**Aspiration hazard:** No Information

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50 (mg/kg)</u>	<u>Vapor LC50</u>
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No  
hazardous  
items exist

N.I. = No Information

**Toxicidad Dermal del producto:** 0.00 mg/kg

## 12. Ecological Information

**Toxicity:** No Information

**Persistence and Degradability:** No Information

**Bioaccumulative potential:** No Information

**Mobility in the soil:** No Information

**Other adverse effects:** No Information

## 13. Disposal Information

**DISPOSAL METHOD:** Prevent entry into waterways, sewers, basements or confined areas.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

#### Sea Transport

UN Number:	1759
IMDG/GGVSee Class:	8
Packing Group:	III
Shipping Name:	Sólido corrosivo, n.e.p
Marine Pollutant:	No
Shipping Hazard(Marine Pollutant):	No Information

#### Air Transport

UN Number:	1759
ICAO/IATA Class:	8
Packing Group:	III
Shipping Name:	Sólido corrosivo, n.e.p

## 15. Regulatory Information

No information available

**16. Other Information**

**Revision Date:** 1/8/2024 **Supersedes Date:** 1/8/2024

**Reason for revision:** Substance and/or Product Properties Changed in Section(s):  
 03 - Composition/Information on Ingredients  
 14 - Transportation Information  
 Statement(s) Changed

**Datasheet produced by:** SUR Química S.A.

**Hazardous Material Information System: HMIS**

Health	2	Flammability	0	Reactivity	0	Personal Protection	C	Chronic Hazard	No	Target Organ	N/A
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**National Fire Protection Association: NFPA**

Flammability	0	Health	2	Reactivity	0	Special Hazards	N/A
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**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H318 Causes serious eye damage.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS05



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained in this safety sheet has been prepared for SUR QUIMICA S.A. based on the data provided by suppliers and manufacturers of the raw materials involved. This document is intended to be a guide for safe use according to use. The user receiving this information must be properly trained and be able to use his independent judgment to determine its applicability in particular uses. This safety data sheet (SDS) does not in any way exempt the user from knowing and complying with the good practices and rules of use applicable to their activity. The user must assume full responsibility to know and take precautions related to the use of the product. The exposure scenario is subject to revision and changes. The user must ensure that they have the latest version of the FDS. The updated versions are available on the website [www.gruposur.com](http://www.gruposur.com)