

# Safety Data Sheet

Conforms To United Nations' Globally Harmonized System of  
Classification and Labelling of Chemicals (GHS)

Revision Date/Version No.: 01-07-2020/3/2.1.4

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### AKRON® ALUM-CL

# 809

Trade Name & Synonyms: AKRON® ALUM-CL  
Chemical Name/Synonyms: AKRON® ALUM-CL  
Chemical Family: Acidic Cleaner  
Formula: Mixture

Manufacturer: **The Akron (S) Pte Ltd**  
Manufacturer Address: 30 Loyang Way #04-19  
Singapore 508769  
Manufacturer Contact: (65) 6291 3300

## SECTION 2: HAZARDS IDENTIFICATION

### GHS Label Elements

#### Pictograms:



Signal Words : **DANGER**

#### GHS Hazard Statements:

##### Physical Statements

H302 : Harmful if swallowed  
H318 : Causes Serious Eye Damage  
H317 : May cause an allergic skin reaction

##### General Precautionary Statements

P333 : If Skin Irritation or rash occurs : Seek medical attention / advice immediately  
P101 : If medical advice is needed, have product container or label at hand  
P102 : Keep out of reach of children  
P103 : Read Label Before use  
P202 : Do not handle until all safety precautions have been read and understood  
P233 : Keep containers tightly closed

GHS Precautionary Equipments Advised To Be Used:



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## SECTION 3: COMPOSITION & INFORMATION ON PRODUCT

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**Hazard Identification of Product:**

Substance Identification	CAS No.	Percentage
Blend of Surfactant	0	<10%
Blend of Inorganic Acids	0	<30%

Chemical Family: Acidic Cleaner

Product Description/Identity: A blend of inorganic acid and surfactants.

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## SECTION 4: FIRST AID MEASURES

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**Inhalation:**

P304 : If Inhaled : if uncomfortable breathing occurs, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:**

P333 : If Skin Irritation or rash occurs : Seek medical attention / advice immediately  
P302 : If on Skin : wash off affected area with water and mild soap. If persistent irritation is apparent, obtain immediately medical advice.

**Eye Contact:**

P305 : If In Eyes : Rinse immediately the eyes with plenty of water for at least 15 minutes. If signs of tissue damage or persistent irritation is apparent obtain immediate medical advice.

**Ingestion:**

P301 : If Swallowed : Rinse mouth with water , seek immediate medical attention.  
P331 : Do Not induce vomiting

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## SECTION 5: FIRE FIGHTING MEASURES

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### Extinguishing Method:

This Product is not flammable , therefore there is no fire hazard issue

### Specific Hazards:

This Product is not flammable , therefore there is no fire hazard issue

### Specific Methods:

This Product is will not cause a fire hazard, therefore there is no specific method

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Personal Precautions:

Refer to section 2, PPE Advisory

### Methods for Cleaning Up:

Pick up an absorbent material or flush away with water

### Environmental Precautions:

P501 : Dispose of contents / containers accordance to singapore regulations

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## SECTION 7: EXPOSURE CONTROL / PERSONAL PROTECTION

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### Respiratory Protection:

Refer to section 2, PPE Advisory

### Eye Protection:

Refer to section 2, PPE Advisory

### Skin Protection:

Avoid **prolonged** skin contact. Use chemical resistant gloves as needed.

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## SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

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Physical:	Liquid
Appearance:	Clear
Color:	Translucent
Odour:	Sourish , Acid Alike
Specific Gravity:	1.05 - 1.10
p.H Value:	1.0 - 1.50
Flash Point:	N.A
Solubility In Water:	4 <small>1- Insoluble / 2-inadequate / 3- Slightly Soluble / 4-Soluble / 5-Highly Soluble</small>
Foaming Tendency:	3 <small>1- No foam / 2-Slight Foam / 3-Moderate Foaming / 4-High Foaming / 5-Ultra High Foaming</small>

Phosphate Content as Percentage: None  
Shelf Life of Product: 1 Year Minimum

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## SECTION 9: HANDLING AND STORAGE

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### Handling of Product:

P403 : Store in a well ventilated place

### Storage Area Specification:

- P402+404: Store in a dry place. Store in a closed container.
- P410+403: Protect from sunlight. Store in a well ventilated place.

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## SECTION 10: STABILITY AND REACTIVITY

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### Stability:

Stable at normal conditions.

### Material To Avoid:

Avoid contact with strong oxidizing materials and bleaching solution.

### Hazardous Decomposition Procedures:

Thermal decomposition may produce oxides of carbon.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Based on the ingredients in this composition and their concentrations this product is harmful by ingestion.

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## SECTION 12: ECOLOGICAL INFORMATION

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Biodegradability: Yes  
Fish Toxicity: No  
Other Information: Not available

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## SECTION 13: DISPOSAL CONSIDERATION

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P501 : Dispose of contents / containers accordance to singapore regulations

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## SECTION 14: TRANSPORTATION INFORMATION

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### Further Information:

Not classified as dangerous in the meaning of transportation regulations.

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## **SECTION 15: REGULATORY INFORMATION**

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### **Labelling:**

GHS Compliance with accordance to product, Labels of product must consist of product name and GHS Label Elements if required.

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## **SECTION 16: OTHER INFORMATIONS**

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Recommended Dilution Rate :

Use Neat ; Do Not Dilute

Apply on surface and leave for 2-3 mins, gently scrub surface with a hard brush. Rinse with water throughly after removing stain.

The data of this SDS are correct to the best of our knowledge and belief at the date of its publication. They are consistent with the state of general scientific and technical knowledge at that date. We cannot accept liability for any loss, injury, and damage which may result from its use.□

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