

# **Safety Data Sheet**

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

Revision Date/Version No.: 01-06-2020/3/2.1.6

# **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

AKRON®NUCLEAN 201

Trade Name & Synonyms: AKRON®NUCLEAN
Chemical Name/Synonyms: AKRON®NUCLEAN
Chemical Family: Multi-Purpose Cleaner

Formula: Mixture

Manufacturer: The Akron (S) Pte Ltd
Manufacturer Address: 30 Loyang Way #04-19

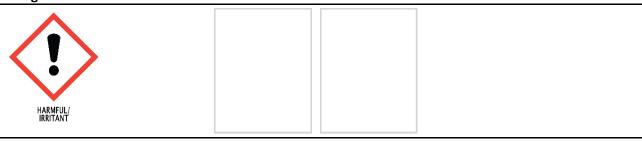
Singapore 508469

Manufacturer Contact: (65) 6291 3300

# **SECTION 2: HAZARDS INDENTIFICATION**

#### **GHS Label Elements**

## **Pictograms:**



Signal Words: WARNING

#### **GHS Hazard Statements:**

## **Physical Statements**

H302 : Harmful if swallowed H320 : Causes Eye Irritation

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 GHS Precautionary Equipments Advised To Be Used:





# **SECTION 3: COMPOSITION & INFORMATION ON PRODUCT**

## **Hazard Identification of Product:**

Substance Identification	C	AS No.	Percentage
Sodium Hydroxide		1310-73-2	<15%
2-Butoxyethanol		111-76-2	<18%
Blend of surfactants		0	<10%
Trisodium phosphate		7601-54-9	<8%
Fragrance		0	<2%
Dye		0	<0.05%

Chemical Family: Multi-Purpose Cleaner

Product Description/Identity: A Blend of alkaline builders, surfactants, water softeners.

# **SECTION 4: FIRST AID MEASURES**

## 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

# **SECTION 5: FIRE FIGHTING MEASURES**

## **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 not flammable, therefore there is no specific method

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **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

# **SECTION 7: HANDLING AND STORAGE**

## **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.

# **SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

# **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.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical: Liquid Appearance: Clear

Color: Blue - Green
Odour: Floral Woody
Specific Gravity: 1.00 - 1.05
p.H Value: 13.0 - 13.5

Flash Point: N.A

Solubility In Water: 5 1- Insoluble / 2-inadequate / 3- Slightly Soluble / 4-Soluble / 5-Highly Soluble
Foaming Tendency: 3 1- No foam / 2-Slight Foam / 3-Moderate Foaming / 4-High Foaming / 5-Ultra High
Foaming

Phosphate Content as Percentage: N.A

Shelf Life of Product: 1 Year Min, In Unopened Container

## **SECTION 10: STABILITY AND REACTIVITY**

#### 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.

# **SECTION 11: TOXICOLOGICAL INFORMATION**

Based on the ingredients in this composition and their concentrations this product is harmful by ingestion and may be sometimes irritating when pure.

This Product has not been tested against animals as subjects, based on knowledge and ingredients in this composition this product is harmful by ingestion

## SECTION 12: ECOLOGICAL INFORMATION

Biodegradability: Yes Fish Toxicity: No

Other Information: Not available

## **SECTION 13: DISPOSAL CONSIDERATION**

P501: Dispose of contents / containers accordance to singapore regulations Container remains hazardous when empty, continue to observe all precautions as stated Please kindly refer to Local authorities for any disposal regulations.

## **SECTION 14: TRANSPORTATION INFORMATION**

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#### **Further Information:**

Not classified as dangerous in the meaning of transportation regulations.

# **SECTION 15: REGULATORY INFORMATION**

## Labelling:

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

#### **SECTION 16: OTHER INFORMATIONS**

This SDS is created based on regulations of GHS and Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations . The product is subjected to GHS labelling system and requirements.

Usage Information:

Recommended Dilution (1 Part of Product: X Part Of Water)

 Spray & Wipe:
 1
 :
 60

 Mopping:
 1
 :
 80

 General Cleaning
 1
 :
 60

 Heavy Soil:
 1
 :
 5

 Medium Soil:
 1
 :
 10

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