



安全資料表

危害物料資料

1. 產品與用途							
1.1 物料名稱	: Universal Clean Non-Toxic Antibacterial Cleaning						
1.2 用途	: 清潔劑						
2. 危害成份							
2.1 危害分類及標籤 :							
	有害	有毒	腐蝕性	易燃	刺激性	爆炸性	助燃
	()	()	()	()	(✓)	()	()
2.2 酸鹼值(pH)	: 無資料			2.3 曝露限制(OEL) :	不適用		
2.4 致癌物質	: 無資料			2.5 其他危害	: 刺激性		
2.5 潛在危害	: 如長期接觸高濃度未經稀釋之產品或處理不當可刺激眼睛						
3. 火警和爆炸資料							
3.1 燃燒物成份比例 :	無資料	3.2 沸點	: 無資料	3.3 溶點	: 無資料		
3.4 閃點(°C)	: 無資料	3.5 比重	: 無資料	3.6 氣壓力 :	無資料		
3.7 爆炸極限(濃度) :	無資料	3.8 溶解度 :	可溶解	3.9 氣味	: 無資料		
3.10 滅火設備	: 使用水, 二氧化碳, 乾燥沙, 滅火乾粉或泡沫滅火器						
4. 急救處理							
4.1 眼睛接觸	: 用大量清水沖洗至少 15 分鐘, 請尋求醫療護理。						
4.2 皮膚接觸	: 用大量清水沖洗, 如持續有刺激感覺, 請尋求醫療護理。						
4.3 吸入	: 如呼吸困難, 移至空氣清新處, 請尋求醫療護理。						
4.4 食入	: 吐出口中產品, 用大量清水清洗, 並盡早求醫。						
5. 個人防護裝備							
6. 處理及使用應知事項							
6.1 儲存注意事項:	● 貯存於乾燥, 陰涼通風場所, 保持容器密閉。						
6.2 意外洩漏處理的方法:							
7. 其他資料							
<ul style="list-style-type: none"> - 嚴禁飲食或吸煙 - 所有受污衣物立即脫掉 							

Universal Clean antibacterial all purpose cleaner

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SECTION 1: *PRODUCT IDENTIFICATION*

Product Code: Universal Clean
Product Use: Antibacterial all purpose cleaner
Supplier: Prime-Label Janitorial Services Limited
Address: Unit A, 8/F, Lucky Horse Industrial Building, 64 Tong Mi Road, Mongkok,
Kowloon, Hong Kong.
Telephone: (852) 26902090
Hotline: (852) 67707670
Email: info@primelabel.com.hk

SECTION 2: *CHEMICAL INGREDIENTS*

GHS CLASSIFICATION

PHYSICAL CHEMICAL HAZARDS

Not classified as explosives
Not classified as flammable or explosive gases
Not classified as flammable or explosive aerosols
Not classified as self-heating or oxidizing gases
Not classified as compressed gases
Not classified as flammable liquids
Not classified as flammable solids
Not classified as self-reactive substances
Not classified as spontaneously combustible liquids
Not classified as spontaneously combustible solids
Not classified as self-heating substances
Not classified as water-reactive flammable chemicals
Not classified as oxidizing liquids

Oxidizing solids

Classification 3

HEALTH HAZARDS

Acute Toxicity (Oral):	Classification 4
Acute Toxicity (Dermal):	Not classified
Acute Toxicity (Inhalation: Gas):	Not classified
Acute Toxicity (Inhalation: Vapors):	Not classified
Acute Toxicity (Inhalation: Dust):	Classification 4
Acute Toxicity (Inhalation: Mist):	Not classified
Skin Corrosion/Irritation:	Classification 1,1C
Serious Eye Damage/Eye Irritation:	Classification 1, Classification 2A
Respiratory Irritation:	Not classified
Skin Sensitization:	Not classified
Reproductive Toxicity (Mutagenicity):	Not classified
Carcinogenicity:	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Classification 1 (Gastrointestinal tract) Classification 2 (Systemic toxicity) Classification 3 (Respiratory tract irritation, Narcotic effects)
Specific Target Organ Toxicity (Repeated Exposure):	Not classified Particular target organ/entire
Aspiration Hazard:	Cannot be classified

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ENVIRONMENTAL HAZARDS

Aquatic Acute Toxicity:

Classification 2

Aquatic Chronic Toxicity:

Not classified

Ozone Layer Hazard:

Not classified

GHS label element (picture indicator/symbol)



Attention word:

Danger

Dangerous hazardous information:

Fire Hazard: May enhance fire; contains oxidizing substances

Harmful if swallowed (oral exposure)

Harmful if inhaled (dust)

Causes severe skin burns

Causes mild skin irritation

Causes serious eye damage

Causes strong eye irritation

May cause systemic toxicity

May cause respiratory irritation

May cause drowsiness or dizziness

May cause allergic skin reactions (sensitization)

Toxic to aquatic life

Measure for prevention:

Do not handle the product until all safety instructions have been read and understood.

Do not eat, drink, or smoke while using this product.

Wear protective gloves, safety goggles, face shields, and other protective equipment.

Use only outdoors or in well-ventilated areas.

Do not remove contaminated work clothing from the work area.

Do not inhale dust, smoke, gases, mist, vapors, or sprays.

Be careful to avoid spills when transferring the contents from one container to another.

Wash hands and rinse mouth after handling.

Avoid releasing the product into the environment and keep containers tightly sealed.

Do not use for purposes other than those specified. Countermeasure:

Emergency Response:

If swallowed, rinse the mouth and do not induce vomiting.

Immediately seek medical attention and diagnosis.

If it comes into contact with skin (or hair), immediately remove all contaminated clothing.

Wash the skin with water or shower.

If contaminated clothing is to be reused, wash it first.

If it gets into the eyes, rinse carefully with water for several minutes.

If contact lenses are easily removable, take them out and rinse the eyes.

If eye irritation persists, seek medical attention and diagnosis.

If it comes into contact with skin (or hair), immediately wash with large amounts of water and soap.

If skin irritation occurs, seek medical attention and diagnosis.

If feeling unwell, seek medical attention and diagnosis.

In case of leakage, immediately collect it using proper methods.

In case of fire, use appropriate extinguishing methods. Powder, carbon dioxide, and foam extinguishers are ineffective.

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Storage

Store in a cool, dry, well-ventilated place, keeping the container tightly sealed.
Keep out of reach of children.

Disposal

Entrust the disposal of contents and containers to a specialized waste disposal contractor authorized by the Governor of the Prefecture.

SECTION 3: COMPONENT INFORMATION

Classification as a single product or a mixture : Mixture

Poisonous and Deleterious Substances Control Law: Not applicable

Component	Contents (wt%)	Existing Chemical Substance Number	CAS No.	PRTR Law Ordinance Number	Industrial Safety and Health Act Appendix Table 9 Notified Substance Number
Polyoxyethylene Polyoxypropylene Piroctone Lauryl Ether (9)	Confidential	7-97	68439-51-0	Not Applicable	Not Applicable
Sulfates	Confidential	1-501	7757-82-6	Not Applicable	Applicable※7
Carbonates	Confidential	1-164	497-19-8	Not Applicable	Applicable※7
Percarbonates	Confidential	1-164	15630-89-4	Not Applicable	Not Applicable
Baking Soda (Sodium Bicarbonate)	Confidential	1-164	144-55-8	Not Applicable	Not Applicable
Ethylenediaminetetraacetic acid tetrasodium salt tetrahydrate (EDTA-4Na·4H ₂ O)	Confidential	2-1265	13235-36-4	Applicable	Applicable※8
Enzymes	Confidential	2-227	9014-01-1	Not Applicable	186
Silver Ion (Ag)	Less than 1	-	7440-22-4	1-082	Applicable

※7: Applicable from April 1, Reiwa 7 (2025).

※8: Applicable from April 1, Reiwa 8 (2026).

SECTION 4: EMERGENCY MEASURES

Inhalation:

Move the person to an area with fresh air and have them rest in a comfortable position where they can breathe easily.

Seek medical attention for diagnosis and treatment.

If feeling unwell, seek medical attention.

Remove contaminated clothing.

Skin contact:

Immediately wash the skin thoroughly with plenty of water.

If skin irritation occurs, seek medical attention.

If the contaminated protective clothing is to be reused, wash it before doing so.

Eye contact:

Do not rub the eyes. Immediately rinse the eyes with clean water for more than 15 minutes, then seek immediate medical

attention from an ophthalmologist.

If wearing contact lenses and they can be easily removed, remove them and continue rinsing the eyes.

If irritation persists, seek medical attention.

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Ingestion:

Immediately rinse the mouth and gargle. Do not induce vomiting.

Inducing vomiting can cause further irritation and damage to the throat and esophagus.

If possible, give milk or eggs to dilute the toxicity. If milk or eggs are unavailable, give several cups of water to dilute the

toxin in the body, followed by inducing vomiting.

If unconscious, do not administer anything.

If vomiting occurs naturally, tilt the head lower than the body to prevent aspiration into the lungs.

After vomiting, if

consciousness is regained, offer water to drink.

Keep the body warm and seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire-Fighting instruction:

This product is non-flammable but contains substances that may contribute to the combustion of other materials.

Large quantities of water are effective for firefighting.

Firefighting agents not to be used:

Powder, carbon dioxide, and foam extinguishers are ineffective. Give consideration not to spill leaking substance and extinguishing media.

Firefighting Method:

In case of a surrounding fire, move the container as far away from the fire as possible as quickly as possible.

Unsuitable extinguishing media: Water, Solid water jet/stream.

Specific Hazards:

While this product is non-flammable, it may release oxygen gas when thermally decomposed in a fire, which could promote further combustion.

If this product is involved in a fire, it may accelerate combustion or decompose explosively.

A fire may release irritant, toxic, or corrosive gases.

A fire may release harmful gases.

The product may decompose under heat, releasing carbon dioxide, and the resulting aqueous solution will be alkaline.

Specific Firefighting Method:

If safe, remove the container from the fire zone.

Protection for Firefighting Personnel:

During firefighting operations, wear appropriate air respirators and fire protection gear.

To avoid contact with toxic gases, firefighting should be done from an upwind position, wearing air respirators and chemical protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Precautions for Human Health, Protective Equipment, and Emergency Measures:

Do not touch or walk through spilled material.

Workers must wear appropriate protective equipment (refer to section "8. Exposure Prevention and Protective Measures") and avoid contact with eyes and skin.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

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Environmental Precautions:

Prevent leakage into water sources such as drinking water supplies, rivers, lakes, oceans, and groundwater.

Take care to prevent discharge into rivers and other bodies of water to avoid environmental impact.

Collect, neutralize, and sweep up spilled material, then store it in a sealed, empty container.

If spilled material is airborne, spray it with water to dampen before collection.

Dispose of the collected spilled material properly as industrial waste.

As a final cleanup step, wash the spill area with a large amount of water.

Containment and Cleaning Methods & Equipment:

Remove spilled material using a method that prevents dust dispersion, such as vacuum suction.

Stop the leak if it is safe to do so.

Measures to Prevent Secondary Disasters:

Prevent the material from entering drains, sewers, basements, or confined spaces.

SECTION 7: HANDLE AND STORAGE

Technical Measures for Handling:

Technical measures: Implement equipment measures as specified in "8. Exposure Prevention and Protective Measures" and wear protective gear.

Prevent the generation and accumulation of dust.

In closed or sealed systems, contact with acid can generate carbon dioxide gas, leading to increased internal pressure in containers. Handle with caution.

Local and General Ventilation:

Conduct local exhaust and general ventilation as specified in "8. Exposure Prevention and Protective Measures."

Safe Handling Precautions:

Do not handle the product until all safety precautions have been read and understood.

Do not tip over, drop, impact, or drag the container.

Use local exhaust ventilation and wear protective gear to avoid skin contact and inhalation.

Ensure proper ventilation in the work area.

Wash hands thoroughly after handling.

Do not eat, drink, or smoke while using this product.

Refer to "10. Stability and Reactivity" for information on avoiding contact with incompatible substances.

Storage:

Technical Measures for Storage:

The storage floor should be designed to prevent water infiltration and absorption.

Storage Conditions:

Since this product is hygroscopic, store it in a sealed container in a cool, dry place.

Keep containers away from direct sunlight and fire sources.

Store in a well-ventilated, cool location with the container tightly closed.

Do not store together with acids.

Avoid storage with oxidizing agents or strongly oxidizing substances.

Incompatible Materials:

Refer to "10. Stability and Reactivity."

Container and Packaging Materials:

Suitable materials include polyethylene, polypropylene, and glass.

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SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limit Values

Permissible Concentration:

Component Name	Control Concentration (Industrial Safety and Health Act, Japan)	Permissible Exposure Limits		
		Japan Society for Occupational Health	ACGIH (TLV-TWA)	OSHA-PEL (Silver TWA)
Silver (Ag)	Not specifically regulated	0.01 mg-Ag/m ³	0.1 mg-Ag/m ³ (Risk of Argyria – Silver poisoning)	0.01 mg-Ag/m ³

* Components without specified values are not listed.

Management concentration: Not specified.

Equipment measures:

Use ventilation and exhaust systems to maintain low mist, dust, and vapor concentrations.

Install eye-wash and body-wash facilities near the handling area.

Protective equipment:

Respiratory protection: Wear appropriate respiratory protective equipment.

Hand protection: Wear appropriate protective gloves (impervious gloves).

Eye protection: Wear appropriate eye protection (safety glasses, side shield type, or goggles).

Skin and body protection: Wear appropriate protective clothing and face protection (impervious protective clothing).

Hygiene measures: Wash hands thoroughly after handling.

Do not eat, drink, or smoke while using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical condition

Appearance: White powder

Odor: Raw material odor

Melting point, freezing point: Not available

Boiling point, initial boiling point, and boiling range: Not available

Explosion lower and upper limits / flammability limits: Not available

Flash point: Non-flammable

Autoignition temperature: Not available

Decomposition temperature: Not available

pH (3% solution): 10–12

Kinematic viscosity: Not available

Solubility:

[Water] Easily soluble in water

[Other] Insoluble in organic solvents

n-Octanol/water partition coefficient (log value): Not available

Vapor pressure: Not available

Density and/or relative density: 1.02–1.04

Relative gas density: Not available

Particle characteristics: Not available

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SECTION 10: *STABILITY AND REACTIVITY*

Stability: Stable under normal handling conditions.

Reactivity: Reacts with strong oxidizers.

Hazardous reaction potential: Avoid contact with strong oxidizers.

When mixed with acids, it reacts and produces carbon dioxide.

Conditions to avoid: Sunlight, heat, moisture.

Incompatible materials: Acids, strong oxidizers.

Reacts with copper, copper alloys, and nickel.

Hazardous decomposition products: Sodium carbonate, carbon dioxide.

In case of combustion, hazardous nitrogen oxides, carbon monoxide, and carbon dioxide gases may be released.

SECTION 11: *HAZARDOUS INFORMATION*

Acute toxicity (oral): Classification 4 – Harmful if swallowed.

Acute toxicity (dermal): Not classified.

Acute toxicity (gas): Not classified.

Acute toxicity (vapor): Not classified.

Acute toxicity (dust): Classification 4 – Harmful if inhaled.

Acute toxicity (mist): Not classified.

Skin corrosion/irritation: Classification 1 – Causes severe skin irritation.

Classification 1C – Causes severe skin damage.

Serious eye damage/eye irritation: Classification 1 – Causes serious eye damage.

Classification 2A – Causes strong eye irritation.

Respiratory sensitization: Not classified.

Skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity (single exposure): Classification 1 (Organ damage) – Harmful to the digestive system.

Classification 2 (Systemic toxicity) – Risk of systemic toxicity.

Classification 3 (Respiratory irritation, narcotic effects) – Risk of respiratory irritation, drowsiness, or dizziness.

Specific target organ toxicity (repeated exposure): Not classified.

Aspiration hazard: Not classified.

Other information: May cause allergic skin reactions (Ag).

SECTION 12: *ENVIRONMENTAL EFFECT INFORMATION*

Aquatic Environment Acute Hazardousness: Category 2 (Toxic to aquatic organisms).

Aquatic Environment Chronic Hazardousness: Not applicable.

Ozone Layer Hazardousness: Cannot be classified.

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SECTION 13: CAUTION IN DISPOSAL

Residual Waste:

Disposal should follow the relevant laws and local government standards.

If the disposal is handled by a licensed industrial waste disposal company authorized by the prefectural governor or a local municipality, entrust the disposal to them.

When outsourcing waste disposal, inform the disposal company or relevant party of any hazards and toxicity, and ensure proper handling.

For residual waste disposal, dissolve the waste in water and react with an acidic solution containing a reducing agent (such as sodium thiosulfate (hypo), sodium bisulfite, etc.) (exercise caution as this may generate heat). After that, neutralize with sodium carbonate (soda ash) and dispose of it through drainage with a large amount of water.

Contaminated Containers and Packaging:

Containers should be cleaned and recycled, or disposed of in accordance with relevant laws and local government guidelines. When discarding empty containers, ensure that all contents are completely removed.

SECTION 14: TRANSPORTATION

Domestic Regulations: Follow the Fire Service Act and Road Traffic Act.

Maritime Regulations: Follow the Ship Safety Act.

Aviation Regulations: Follow the Civil Aviation Act.

International Regulations: Follow UN classification regulations.

Reference:

UN1479: Other oxidizing substances (UN3378 containing 8% percarbonate).

Class: 5.1

Packaging Group: II

Allowable Quantity for Dangerous Goods:

1 kg for small quantities of hazardous materials.

E2 for trace amounts.

Special Safety Measures:

During transport, avoid direct sunlight, high temperatures, and humidity.

Ensure that containers are not damaged, corroded, or leaking, and secure them to prevent cargo shifting.

Do not stack heavy items on top.

SECTION 15. APPLICATION LAWS AND REGULATIONS

Fire Service Act:

Component/Percarbonate: Hazardous Substance Category 1, Class 3 Oxidizing Solid, Designated

Quantity 1000 kg,

Hazard Class III.

Labour Safety and Health Act:

Enforcement Order, Article 57 and its Subsection 2: Requires labeling and notification for substances containing harmful components.

Organic Solvent Poisoning Prevention Regulations: Not applicable.

Skin and Chemical Substance Regulations (Article 594-2 of Safety and Health Regulations):

Requires non-permeable protective equipment for substances such as carbonate (33%).

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Substance Requiring Hazard Investigation: Contains 2% of Ethylenediaminetetraacetate Disodium Salt (Effective after April 1, 2026).

Poisonous and Deleterious Substances Control Act: Not applicable.

PRTR Law (Pollutant Release and Transfer Register):

First-Class Designated Chemical Substances: Contains 2% of Ethylenediaminetetraacetic Acid and its Potassium and Sodium Salts.

Aviation Law: Component/Percarbonate: Oxidizing Substances (Implementation Regulation, Article 194, Dangerous Goods Notification Table 1).

Ship Safety Act: Component/Percarbonate: Oxidizing Substances (Dangerous Goods Regulation, Article 2-3, Dangerous Goods Notification Table 1).

Marine Pollution Prevention Act: Not applicable.

Waste Management and Public Cleansing Law: Not applicable.

Water Quality Pollution Prevention Law: Component/Carbonates, Percarbonates, Sodium Bicarbonate:

Water pH Standards: Non-marine public water: pH 5.8–8.6

Marine discharge: pH 5.0–9.0

Note: Follow additional local ordinances for more stringent standards.

Component/Ethylenediaminetetraacetate and its Potassium and Sodium Salts:

Water pH Standards:

Non-marine public water: pH 5.8–8.6

Marine discharge: pH 5.0–9.0

Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD):

BOD: ≤ 160 mg/L (Daily average ≤ 120 mg/L)

COD: ≤ 120 mg/L (Daily average ≤ 60 mg/L)

Note: Follow additional local ordinances for more stringent standards.

Regulatory Information (Continued):

Air Pollution Control Act: Substance Contained: Silver (Ag).

Export Trade Control Order:

Component/Percarbonate:

Catch-all Regulation (Table 1, Item 16) - Category 28 Inorganic Chemicals.

HS Code (Export Statistical Item No., as of January 1, 2018): 2836.99-000

Description: "Peroxcarbonates (percarbonates) – Others – Other substances."

Component/Sodium Bicarbonate:

Catch-all Regulation (Table 1, Item 16) - Category 28 Inorganic Chemicals.

HS Code (Export Statistical Item No., as of April 1, 2018): 2836.30-000

Description: "Sodium Bicarbonate (Baking Soda)."

Component/Chelating Agent (EDTA):

Catch-all Regulation (Table 1, Item 16) - Category 29 Organic Chemicals.

HS Code (Export Statistical Item No., as of April 1, 2019): 2922.49.000

Description: "Amino Compounds Reacting with Oxygen – Amino Acids, Esters, and Their Salts – Other substances."

Compliance: Please ensure compliance with your country's or local regulations regarding this substance.

SECTION 16. OTHER INFORMATION

References: Safety Data Sheets (SDS) from various raw material manufacturers.

Data on substances regulated by the Chemical Substances Control Law.

Data on substances regulated by the Industrial Safety and Health Act.

SDS information from the Safety and Health Information Center, etc.

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Handling of Information:

Not all materials and references have been thoroughly reviewed, so there may be some missing information.

The information provided here does not guarantee the completeness or accuracy of the data. This document has been created based on the information and materials currently available. However, as new research findings are published, existing theories are revised, and regulations or laws are amended, updates to this document may be necessary. The content is intended for standard handling procedures, and for any special handling, additional safety measures should be implemented based on the specific use case.

It is the responsibility of the user to set safe usage conditions.

Precautions: Do not handle the product until all safety instructions are read and understood.

It is the responsibility of the handling business to ensure safe use and to comply with all laws and regulations. The company is not responsible for any injuries or damages resulting from special use cases, negligence, or the inherent properties of the material.

Employers in workplaces handling this product are required to inform relevant employees and stakeholders about the hazards and precautions listed in this data sheet, and conduct risk assessments.

Disposal of Previous SDS:

If you have a previous version of this product's SDS, please dispose of it promptly.

~ ~ ~ **END** ~ ~ ~