



UNICORN COATING SDN. BHD.

SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE MANUFACTURER

Product Name	VIRUS SAFE-TECH DISINFECTANT (Concentrated)
Use	Disinfectant
Registered Company Name	Unicorn Coating Sdn. Bhd.
Address	No. 9 & 11, Jalan Makmur, Taman Perindustrian Maju Cemerlang, 81800 Ulu Tiram, Johor, Malaysia.
Telephone	+607-288 2233
Fax	+607-861 1726
Emergency Telephone Number	As above

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

GHS Classification : Physical Hazard – Not classified as a physical hazard
Health Hazard – Eye Irritation, Category 2
Harmful if swallowed, Category 4

Label elements:

GHS label elements



SIGNAL WORD

WARNING

Hazard statement(s)

H302	Harmful if swallowed
H319	Causes serious eye irritation

Precautionary statement(s)

Prevention :

P280	Wear protective gloves/protective clothing/eye protection/face protection
P233	Keep container tightly close



UNICORN COATING SDN. BHD.

SAFETY DATA SHEET

Response :

P301+P330+P331	If SWALLOWED : Rinse mouth. Do NOT induce vomiting
P303+P361+P353	If ON SKIN (or hair) : Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	If IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage :

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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Disposal :

P501	Dispose of contents/container to appropriate waste site or in accordance with local or national regulations.
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Ingredients	Weight, %	CAS Number
Water	> 97	7732-18-5
Benzalkonium Chloride	2.22	68424-85-1

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: - Wash out immediately with fresh running water. - Remove contact lenses, if present and easy to do. Continue rinsing. - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. - Seek medical attention without delay.
Skin Contact	If skin contact occurs: - Immediately remove all contaminated clothing, including footwear. - Flush skin and hair with running water (and soap if available). - Seek medical attention if skin irritation or rash occurs.
Swallowing	- If swallowed do NOT induce vomiting unless directed by medical personnel. - Do not give anything by mouth to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. - If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.



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SAFETY DATA SHEET

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Foam, CO₂, extinguishing powder and water spray jet.

Specific hazards arising from the substance or mixture

- In case of fire, toxic incineration products may be released such as:
 - Nitrogen oxides (NO_x)
 - Hydrogen chloride (HCl)
 - Carbon monoxide (CO)

Advice for firefighters

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- If safe, switch off electrical equipment until fire hazard removed.
- Use water delivered as a fine spray to control fire and cool adjacent area.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

High risk of slipping on leaked/spilled product.

Use personal protective equipment. Evacuate unprotected personnel to safe area.

When selecting the protective suit attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots made of neoprene, complete face protection and nitrile-rubber-gloves with long tops should be worn.

Environmental precautions

Prevent the spillage enter drains or water course. Local authorities should be advised if significant spillages cannot be contained.

Disposal

Shovel into suitable container for disposal. Absorb the remainder with multi-purpose absorbent.

SECTION 7 HANDLING AND STORAGE

Safe handling

- Avoid inhalation of mist/vapours.
- Avoid contact with eyes.

Safe Storage

- Packing as supplied by manufacturer.



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SAFETY DATA SHEET

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Components with critical values that require monitoring at the workplace: N/A

Exposure controls

Ensure using of appropriate Personal Protective Equipment (PPE).

Personal protection

Eye and face protection	Face shield
Body protection	Protective clothing
Hands protection	Wear chemical protective gloves, e.g. nitrile rubber glove
Respiratory protection	Mask

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	:	Clear liquid
Physical state	:	Liquid
Boiling point / range	:	> 107 °C
Flash point	:	Not available
Flammability	:	Not applicable
Density	:	~0.995 g/cm ³
Solubility in water	:	Fully miscible
Auto-ignition temp.	:	Product is not self-igniting

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under condition of normal use.
Chemical Stability	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Under normal condition of storage and use, hazardous reaction will not occur.
Conditions to avoid	No further relevant information available.
Incompatible materials	Oxidizing agents, anionic compounds.
Hazardous decomposition products	None, if storage and handling is done according to the specification.



UNICORN COATING SDN. BHD.

SAFETY DATA SHEET

SECTION 11 TOXICOLOGICAL INFORMATION

Harmful if swallowed

Acute toxicity estimates (ATE) or LD ₅₀ /LC ₅₀ values:	
LD ₅₀ Oral	795 mg/kg (rat) S477
ATE Dermal	> 5000 mg/kg (calculated)

Skin corrosion or irritation	Not classified
Serious eye damage or irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity, STOT (single exposure)	Not classified
Specific target organ toxicity, STOT (repeated exposure)	Not classified
Aspiration hazard	Not classified

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and degradability

The substances are biodegradable

Bio-accumulative potential

Low bio-accumulative potential

Mobility in soil

No data available



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SAFETY DATA SHEET

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	- Disposal of unused product should be treated as hazardous waste. - Packaging can be reused or recycled after cleaning. It can be clean with water and cleaning agent. - Uncleaned packaging must not be given to private consumers.
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SECTION 14 TRANSPORT INFORMATION

Land Transport

Not classified as Dangerous Goods by the criteria of the European Agreement concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

Sea Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport of Sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.

SECTION 15 REGULATORY INFORMATION

Applicable national regulations:

- Occupational Safety and Health (Classification, labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 (CLASS).
- OSHA 1994 and relevant regulations.
- Environment Quality Act 1967 and regulations.
- Pesticide Act 1974 and regulations.

SECTION 16 OTHER INFORMATION

Issue Date	09/06/2020
Revision	00
Literature reference and resource	Suppliers' SDS

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our current knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. This information is furnished without warranty and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.