



# **CERT ACADEMY**

**Certified Emergency Response Training Academy**

**CERT Academy Sdn. Bhd.** (1054356-A)

**Training Centre & Admin Office :**

The Wharf, Prima Biz Hub, No. 8-2, Jln Tasik Prima 5/1, Tmn Tasik Prima, 47150 Puchong, Selangor, Malaysia.

**T :** +603 8066 8665 **W :** [www.CERTAcademy.com.my](http://www.CERTAcademy.com.my) **E :** [admin@CERTAcademy.com.my](mailto:admin@CERTAcademy.com.my)  - CERT Academy

## **DISINFECTION TREATMENT SERVICE AT**

**Sang Kee Edible Oils Sdn Bhd**

**Lot 3 Lebuah Sultan Hishamussin Dua, Kaw 20,  
Kaw. Perusahaan, Kawasan Perindustrian Selat  
Klang Utara, 42000 Port Klang, Selangor**

**Date : 23 April 2021**

**Time : 4.00pm – 5.00pm**

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# Safety Data Sheet of Chemical (SDS)



**Rely+On™ Virkon™  
Safety of 1% Solutions**

20.01.2020  
Anteo International Limited  
A Company of the Lanxess Group  
Windham Road  
Chilton Industrial Estate  
Sudbury  
Suffolk  
CO8 5BX  
United Kingdom

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## Executive summary

Rely+On™ Virkon™ is intended to be used at concentrations of 1% or less in most situations, at which dilution rate the product is considered to be of low hazard and safe for the intended uses as any hazards associated with the powder are diluted by a factor of at least 100X.

1% concentration (or lower) solutions of Rely+On™ Virkon™ are therefore not classified as hazardous according to the Globally Harmonized System for hazard classification (GHS).

This document is intended to support your risk assessment and as a general guide on safe use of Rely+On™ Virkon™ working solutions (1% concentration or lower). As exposure potential varies greatly between users, use areas and application methods, individual risk assessments will need to be conducted that are specific to your conditions of use and in accordance with the relevant national or regional legislation. Always follow the instructions of your risk assessment when using the product.

This document is not intended as a safety data sheet as per the meaning within European 1907/2006 (REACH) or equivalent legislation.

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6. Storage
7. Personal protection
8. Stability and reactivity
9. Disposal considerations

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### 1. Identification of the product and manufacturer

**Product name:** Rely+On™ Virkon™ (1% dilution in water)  
**Manufacturer:** Antec International Limited – a company of the Lanxess-Group  
Windham Road  
Chilton Industrial Estate  
Sudbury, Suffolk, CO10 2XD  
United Kingdom  
Tel: +44 (0) 1787 377 305  
Em. Tel: +49 214 30 993000

## 2. Hazard Classification

All information refers to diluted solutions of Rely+On™ Virkon™ at a concentration of 1% or lower in water, unless specified otherwise, and is made in accordance with the Globally Harmonised System of classification, labelling and packaging of substances and mixtures.

**Hazard pictograms:** None (not classified as dangerous)  
**Signal word:** None  
**Hazard statements:** None  
**Precautionary statements:** None

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## 3. Basis for Hazard Classification

According to the Globally Harmonised System of classification, labelling and packaging of substances and mixtures (GHS), 1% solutions of Rely+On™ Virkon™ are not classified as dangerous. The justification for this is summarised below.

Calculation methods referred to below are those described in the abovementioned GHS text.

### 3.1. Toxicological profile

| Endpoint                  | Result          | Justification   |
|---------------------------|-----------------|---|
| Skin irritation           | Not irritating  | Calculation method  |
| Eye irritation            | Not irritating  | Calculation method and independent test data following OECD Test Guideline 405 (eye irritation)   |
| Skin sensitisation        | Not sensitising | Calculation method and independent test data following OECD Test Guideline 406 (skin sensitisation)   |
| Acute oral toxicity       | Not harmful     | Independent test data according to OECD 401 for Rely+On™ Virkon™ powder demonstrating that the product has a low toxicity and therefore not harmful. Dilution to 1% will reduce the toxicity proportionally, to the extent that it is considered to be of very low toxicity |
| Acute dermal toxicity     | Not harmful     | Independent test data for Rely+On™ Virkon™ powder demonstrating that the product has a low toxicity and therefore not harmful. Dilution to 1% will reduce the toxicity proportionally, to the extent that it is considered to be of very low toxicity                       |
| Acute inhalation toxicity | Not harmful     | Calculation method  |

### 3.2. Specific health effects

| Endpoint                  | Result   | Justification  |
|---------------------------|----------|--|
| Carcinogenicity           | Negative | Formulation does not include any substances classified as carcinogenic within the meaning of GHS |
| Mutagenicity              | Negative | Formulation does not include any substances classified as mutagenic within the meaning of GHS    |
| Toxicity for reproduction | Negative | Formulation does not include any substances classified as teratogenic within the meaning of GHS  |

### 3.3. Physical and chemical effects

| Endpoint     | Result   | Justification   |
|--------------|----------|---|
| Flammability | Negative | Formulation does not include any substances classified as flammable within the meaning of EC/1272 /2008                     |
| Oxidising    | Negative | Testing on Rely+On™ Virkon™ POWDER according to method A17 of CD 92/69/EEC demonstrating that the product is not oxidising. |

### 3.4. Ecological effects

| Endpoint         | Result         | Justification  |
|------------------|----------------|--|
| Aquatic toxicity | Not harmful    | Testing on Rely+On™ Virkon™ POWDER demonstrates an aquatic toxicity within the range 1 – 100 mg/L. Taking the lowest concentration (daphnia) of 1 – 10 mg/L and account for the dilution of 100X for the 1% solution, this equates to a toxicity within the range of 100 – 1000 mg/L and is therefore not considered harmful |
| Degradability    | Not persistent | Calculation method   |

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## 4. First Aid Advice

### 4.1. Human Exposure

Whilst the solutions will not cause skin/mucous membrane irritation and eye damage/irritation within the meaning of GHS, contact with eyes may cause discomfort and skin contact may lead to mild skin irritation in some cases and with sufficient contact. Therefore, where contact with skin or eyes is expected, skin coverings and eye protection are recommended.

When facing spray mists and aerosols of the diluted product, respiratory protection may also be required, depending on the extent of potential exposure.

### 4.2. First aid advice

| Route of exposure | Potential symptoms                          | Response   |
|-------------------|---|--|
| Inhalation        | Mild irritation, coughing                   | If irritation or discomfort occurs following inhalation, remove from exposure. Use PPE and/or ventilation  |
| Ingestion         | Upset stomach, nausea                       | Ingestion of the solution is unexpected as a route of exposure. In case of ingestion, give small quantities of water to drink. Stop if the person feels sick. Seek medical attention |
| Skin contact      | Mild irritation, reddening                  | In case of irritation flush skin with plenty of water  |
| Eye contact       | Irritation, watering, reddening, discomfort | Flush with water. If irritation persists, seek medical attention   |

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## 5. Fire-fighting measures

As an aqueous solution without any physical or chemical properties of concern to firefighting (e.g. flammability, oxidisation), contact of 1% Rely+On™ Virkon™ solutions will suppress any fire that it comes in contact with.

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## 6. Storage

Store unused solutions out of direct sunlight in loosely sealed containers. Prevent from contamination which could lead to a reduction in activity of the solution.

Prevent from contact with strong alkalis.

Do not leave in application equipment after use. Rinse thoroughly.



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## 7. Personal Protection


Below is a guide on typical personal protective equipment (PPE) for common tasks involving solutions of Rely+On™ Virkon™ at a concentration of 1% or less. Selection of appropriate PPE will depend on many factors, many of which are specific to your operation and area of use. As a result, the required PPE must be defined by your own risk assessment.

### 7.1. Wiping and spraying, small areas


**PPE:**



Use of skin coverings is recommended, such as a laboratory coat. In case of poor ventilation and nuisance mists, a dust mask may also be required.



e.g. FFP2  
dust mask



**Task:** Application of Rely+On™ Virkon™ 1% solutions by wiping or spraying to surfaces and equipment through small, manual hand-held equipment (e.g. trigger spray).



## 7.2. Manual spraying, large areas



**Task:** Application of Rely+On™ Virkon™ 1% solutions by low-pressure spraying to surfaces and equipment in LARGE facilities using pressure washers and other powered hand-held equipment.

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## 8. Stability and Reactivity

The product is considered to be stable at normal temperature ranges within which it is used.

Avoid contact with alkalis, acids, halides and metal salts.

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## 9. Disposal Considerations

Rely+On™ Virkon™ solutions may generally be disposed of via drains leading to a foul sewer but not via drains leading to surface waters. Disposal to foul sewer is typically subject to discharge consent with the appropriate local authority and normally requires prior approval and control of the volumes discharged. Always seek guidance from your local authority prior to discharge. Note: Rely+On™ Virkon™ is generally considered to be of low risk to municipal sewage treatment facilities and data can be provided in support of any discharge consent procedures.

Data can be supplied upon request to support any discharge consent applications.

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## Detail of Disinfection Treatment

### 1. Treated area

- 6,521 Square Feet

### 2. Types of Chemical

- 7 Litter of RELY+ON VIRKON (Disinfection Chemical) used for disinfection treatment.

### 3. Method Disinfection Treatment

- Disinfection vaporises misting, spraying and wiping session carried out on-site at all area as per request.

### 4. Total sanitizers for disinfection treatment are 2 people.

- Office and cabin









# Service Report



# CERT ACADEMY

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 T: +603 8066 8665 W: www.CERTacademy.com.my E: admin@CERTacademy.com.my

## SERVICE REPORT

Report No: \_\_\_\_\_ Time In: 4:00 pm Time Out: 5:12 pm

Date: 23 APRIL 2021

Client's Name: Sang Kee Edible Dils Sdn Bhd

Treatment Address: Lot 3 Lebuh Sultan Hishamussin Dua, Kaw. 20, Kaw. Perumahan, Kawasan Perindustrian Qlat Klang Utara

### Job Covered

#### I. Disinfection Services

- Spraying
- Misting
- Wiping

Standard High Touch Area: doorknob, switches, lift button, door push plate, door handle, fridge handle.

- (Only Applicable For Add on package)

#### Thorough Wiping

Standard High Touch Area + table top, chair handle, handrail, desk, keyboard, monitor, mouse, laptop, card reader, remote, thumbprint device.

### DISINFECTANT DETAILS

| Trade Name     | Active Ingredients<br>% w/w | Dilution Rate (ml/L) | Method Of Application | Total Usage<br>(Liter/Kg) |
|----------------|-----------------------------|----------------------|-----------------------|---------------------------|
| Rely-on Virkon | Pottasium Peroxymonosulfate | 10g / l              | misting & wiping      | 7 l                       |
|                | Sodium Chloride             | 10g / l              | misting & wiping      | 7 l                       |

### OBSERVATIONS:

Disinfection service at all parameters and surfaces requested by client

### RECOMMENDATIONS:

Quarantine at least 1 hour before entering the premise

I hereby satisfied with this service and confirmed that all the area in the scope had fully covered and completed.

Payment Received: Cash/Cheque: \_\_\_\_\_

Client's Signature/Company Stamp

[Signature]



Technician's Signature

[Signature]


Certify your ERT

# Certificates



**CERT ACADEMY**  
*Certified Emergency Response Training Academy*

An Educational Centre Recognized by:



## DISINFECTION TREATMENT

*This hereby certify that*

### SANG KEE EDIBLE OILS SDN BHD

LOT 3 LEBUH SULTAN HISHAMUSSIN DUA, KAW 20, KAW. PERUSAHAAN,  
KAWASAN PERINDUSTRIAN SELAT KLANG UTARA, 42000 PORT KLANG, SELANGOR

*Has been disinfected against*

### Virus, Bacteria and Other Microorganisms


*On 23<sup>rd</sup> April 2021*

**With active ingredient Potassium Peroxymonosulfate and Sodium Chloride**

Components

| Chemical Name  | CAS-No.    | Concentration (% w/w) |
|--|------------|-----------------------|
| Pentapotassium bis(peroxymonosulphate) bis(sulphate)     | 70693-62-8 | >= 30 -< 50           |
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts | 68411-30-3 | >= 10 -< 20           |

The chemical used is listed in United States Environmental Protection Agency (EPA) as product that meets EPA's criteria for use against SARS-Cov-2 the novel coronavirus that causes the disease COVID-19



Authorised Signature