

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

### VIRUCLEAR

Broad Spectrum Surface Sanitiser  
MPI Approved C43 (All animal product except dairy)

### CHEMICAL SOLUTIONS LTD

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New Zealand.

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EMERGENCY CONTACT: Phone: (64-9) 255-5609 Open Hours: 8am - 5pm, Monday to Friday  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.

This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

Cleaning Products Subsidiary Hazard Group Standard HSR002530

Signal word: **DANGER**

#### HSNO Hazard Classification

6.1E (O) May be harmful if swallowed.

8.3A Causes serious eye damage.

6.4A Causes serious eye irritation.

9.1D (Slightly Harmful) Harmful to aquatic life.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS:

Hydrogen Peroxide (CAS# 7722-84-1)	7.99%	Surfactant	<10%
Sequestering Agent	<10%	Water	>60%

## 4. FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor if you feel unwell.

MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

Exposed to heat or fire this material may increase the fire intensity, but not burn independently.

Containers subject to heat from a fire may explode scattering burning contents. Where possible remove containers from the path of the fire.

Otherwise cool with water spray to avoid heating.

Avoid contact with other combustible materials eg. wood, oil, paper.

Firefighters wear SCBA and chemical resistant suits.

Use foam, CO<sub>2</sub>, dry chemical powder, or BCF to extinguish a fire in the vicinity. Water spray or fog on large scale fires only.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface if moisture is around. Signage preventing foot traffic should be erected where appropriate. Spills should be carefully contained from spreading beyond the spill area and swept up with brooms and shovels or a mechanical vacuum cleaner if appropriate for corrosives, and the debris placed in open top drums which can be closed and removed to landfill.

## 7. HANDLING AND STORAGE:

#### HANDLING: Precautionary Statements

Keep out of reach of children.

Do not breathe mist or spray.

Wear protective gloves, protective clothing and eye protection/face protection.

**STORAGE:** Store in original container or suitable dispenser in a well-ventilated place. Keep cool. When not in use, store in a cool, dry, dark, ideally lockable location. Direct sunlight may result in colour fading.

Read label before use.

Wash hands thoroughly after handling

Avoid release to the environment.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls:	No data is available. For Hydrogen Peroxide: NZ WES-TWA 1ppm
Eye protection:	Safety glasses.
Protective clothing:	Chemically impermeable gloves, protective work clothes (a coat, apron or overalls).
Respiratory protection:	Not required for the normal use of this product providing the area is well ventilated and a mist of the product is not generated when the product is applied.
Ventilation:	Ensure adequate ventilation is provided in the work space otherwise a chemical respirator should be used.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance</b>	Clear, colourless liquid
<b>Odour</b>	Has characteristic smells
<b>pH</b>	7-8
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	1.024 g/mL
<b>Refractive Index</b>	3-4 % Brix
<b>Viscosity</b>	Not applicable
<b>Relative Foam</b>	Medium-High
<b>Solubility in water</b>	Completely soluble in all proportions

**10. STABILITY AND REACTIVITY:**

Product is considered stable under normal storage conditions.  
Avoid contamination with other materials such as dirt, dust rust etc. Do not mix with flammable materials, oxidisers or reducing agents.  
Do not return unused product to storage containers. May bleach fabrics. Hazardous polymerisation will not occur.  
Combustion of this product will release oxides of carbon and oxygen.

**11. TOXICOLOGICAL INFORMATION:**

No data is available.  
Hydrogen Peroxide LD50 Rat 1193 - 1270 mg/kg body weight. According to EPA CCID website.

**12. ECOLOGICAL INFORMATION:**

No data is available.  
Hydrogen peroxide SPECIES: Pimephales promelas (Fish, fresh water) - 96 hr - LC50 VALUE: 16.4 mg/l According to EPA CCID website.  
Surfactant used in the product are classed Readily Biodegradable according to the European Union Detergents Regulations #648/2004.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of in accordance with local regulations by recognised waste disposal experts. Chemical deactivation is the preferred method.  
Small spills of a few kilograms may be dissolved in sluice water and washed to waste where this is authorised for industrial use.  
Wash empty plastic container before recycling.

**14. TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005      Classified as not dangerous for Land Transport in New Zealand

Note: Solutions of Hydrogen Peroxide at concentrations below 8% are not classified as oxidising agents for the land transport.

**15. NZ REGULATORY INFORMATION:**

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
Cleaning Products Subsidiary Hazard Group Standard:      HSR002530  
HSNO Act Controls Regulations 2001:  
Wear protective clothing when handling the concentrated liquid: gloves, overalls or apron, safety glasses.  
Work only in well ventilated sites.      Keep the concentrate in secure, properly labelled containers.

**16. OTHER INFORMATION:**

Formulation reference and version number:      J2-071, Version 2 or FK-VIRUCB  
This SDS was prepared from data available on 11 March 2020  
This SDS was printed on 30 March 2020  
This SDS will be reviewed no later than 31 August 2021

**END OF THIS SAFETY DATA SHEET**