

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Instru-Check

Manufacturer: Valisafe

SDS Expiry: Current SDS as supplied by Manufacturer – May 2022

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 8

HSNO Group Standard: Dental Products Corrosive Group Standard 2020 HSR002555

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – October 2022

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

Safety Data Sheet

Section 1 – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers:

Product names: Valisafe Instru-Check, Scope-Check, Dentacheck
Brilliant Blue Instru-Check, Scope-Check, Distal-Check

Product numbers: V3504095, V3505005, V3505010, V3505013, V3505095
MED7900, MED7901, MED7902, MED7903, MED7910

Brand: Medisafe/Valisafe (a Division of Medisafe International)

REACH Number: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified Uses: The product is a point-of-use test kit for the detection of residual proteins left behind on the surface of washer disinfectors, ultrasonic cleaners, endoscopes and other hard-to-clean surgical & dental instruments.

1.3 Details of the supplier of the safety data sheet:

Supplier: Valisafe,
Twyford Road,
Bishop's Stortford,
Hertfordshire CM23 3LJ,
United Kingdom.

Tel: +44 (0)1279 461641

Fax: +44 (0)1279 461643

Email: info@valisafe.com or info@medisafeinternational.com

Website: www.valisafe.com or www.medisafeinternational.com

1.4 Emergency telephone number:

For Chemical Emergency please contact your local emergency services.

Section 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008

Classification H&P Phrases

Warning	H290	Corrosive to metals (Category 1)
	H320	Causes eye irritation
	H303	May cause skin irritation
	P280	Wear eye protection
	P305+351	IF IN EYES: Rinse continuously with water for several minutes

2.2 Label Elements

According to Regulation (EC) 1272/2008:





Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS

The mixture is an acidic dye binding reagent containing non-hazardous (unclassified) dye and colour stabilizer together with a trace of solubilising surfactant.

Ingredient	% by vol	Classification	Index #	CAS #	EC #
Phosphoric acid	8-15	H290, H314	015-011-00-6	7664-38-2	231-633-2

See Section 15 for the full text of H-phrases referred to in this Section.

Section 4 – FIRST AID MEASURES

General

Each test unit contains less than 2ml of reagent mixture in a sealed vial. The reagent does not contain any volatile components, and the method of use avoids the formation of aerosols, so inhalation of the product is an extremely unlikely route of contact.

4.1 First aid measures

Skin:	In case of contact, wash skin with soap and copious amounts of water for several minutes. If irrigating from an eyewash bottle, use the entire contents. Remove all contaminated clothing, and wash before reuse.
Eye contact:	In case of contact, immediately flush eyes with copious amounts of water for at several minutes. Seek immediate medical attention.
Respiratory:	If directly inhaled, remove to fresh air, if breathing is difficult, provide oxygen if necessary. If not breathing, provide artificial respiration. Seek immediate medical attention
Ingestion:	If swallowed, wash mouth with water provided person is conscious. Seek immediate medical attention.

4.2 Symptoms

Skin:	Irritation.
Eye contact:	Burning sensation.
Respiratory:	Irritation
Ingestion:	Irritation.

4.3 Indication of special treatment

There are no known long term or systemic effects.

Section 5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media:	Carbon dioxide, dry chemical powder or appropriate foam.
5.2 Special hazards:	May emit toxic & corrosive fumes of phosphorus oxides, phosphine, carbon oxides and formaldehyde under fire conditions.
5.3 Advice for fire fighters	Wear SCBA, and protective clothing to prevent contact with skin and eyes.

Section 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:	Wear protective equipment in case of spill. Keep unprotected persons away. Refer to section 8 of this SDS for personal protection details.
6.2 Environmental precautions:	Do not discharge to groundwater or rivers.
6.3 Containment & clean up procedures:	Cover drains. Cover the spill with dry lime, soda ash or absorbent granules. Pick up & transfer to a closed container for disposal as hazardous waste. Wash the spill site when pick up is complete.
6.4 Minor spillage:	Spills from individual vials may be mopped up with a damp sponge or cloth, and rinsed to the foul drain.

Section 7 – HANDLING AND STORAGE

- 7.1 Handling: Avoid exposure to skin, eyes and clothing.
 7.2 Storage: Store in a cool dry place, keep container tightly closed until use. Refrigerate to extend shelf life.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Phosphoric acid	Indicative UK EH40 exposure limits	
	Exposure	WEL mg m ⁻³
	TWA	1
	STEL	2

The exposure limits of EH40 are consistent with Directive 2000/39/EC

8.2 Exposure controls

- PPE: PPE should be selected specifically for the scope of duties in the workplace.
 Engineering measures: No specific engineering measures.
 Eye protection: Wear safety goggles or visor. Provide eyewash facilities in the workplace
 Respiratory: Avoid formation of aerosols. Provide a well-ventilated workplace or LEV in manual cleaning operations. Do not smoke when using the product.
 Skin protection: Protective clothing & lightweight synthetic rubber gloves.
 Ingestion: Do not eat or drink when using the product.
 Industrial hygiene: Change contaminated clothing and immerse in water. Discard contaminated shoes. Wash thoroughly after handling.

Section 9- PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear, pale straw liquid.
Odour & odour threshold:	No detectable odour.
pH:	Approx. 1.
Melting/freezing point:	-5°C.
Initial boiling point & boiling range:	102°C.
Flammability (solid, gas):	Non-flammable liquid.
Flash point:	Non-flammable.
Explosive properties:	Not explosive.
Upper/lower flammability/explosive limits:	Not flammable or explosive.
Vapour pressure:	As water.
Vapour density:	As water.
Evaporation rate:	As water.
Relative density:	1.08.
Solubility:	Soluble in water.
Partition ratio (K _{ow})	Approx. 0 (polar)
Auto-ignition temperature	As water.
Decomposition temperature:	As water.
Viscosity:	As water.
Oxidising properties:	Not oxidising.

Section 10- STABILITY & REACTIVITY

10.1	Reactivity:	No reactivity hazards
10.2	Chemical stability:	Stable.
10.3	Possibility of hazardous reactions:	Not liable to hazardous decomposition or polymerisation
10.4	Materials to avoid:	Light-sensitive product - do not remove from box until required for use.
10.5	Incompatible materials:	Avoid strong bases, finely powdered metals.
10.6	Hazardous decomposition products:	None.

Section 11- TOXICOLOGICAL INFORMATION

Acute toxicity:	Phosphoric acid	Oral, LD50(rat)	1530 mg kg ⁻¹
		Skin, LD50 (rabbit)	2740 mg kg ⁻¹
Skin contact:	Irritating. Not reported to be a skin sensitiser.		
Skin absorption:	Not known to be harmful by skin absorption.		
Eye contact:	Irritating, burning sensation.		
Inhalation:	Irritating to mucous membranes and upper respiratory tract. Not reported to be a respiratory sensitiser		
Ingestion:	Irritating if swallowed.		
Germ cell mutagenicity:	Negative		
Carcinogenicity:	No component of this product at concentrations above 0.1% is listed as carcinogenic (IARC, ACGIH)		
Reproductive toxicity:	Negative		

Section 12- ECOLOGICAL INFORMATION

Mobility:	Soluble in water.		
Eco toxicity:	Phosphoric acid	DL50 12h @ pH3-3.5	
		DL50 12h @ pH4.6 Daphnia Magna	
Persistence:	Phosphates are persistent in the environment. Dilution by natural water will reduce the acidity.		

Section 13- DISPOSAL CONSIDERATIONS

Small quantities of spent reagent may be rinsed to the foul sewer with plenty of water and the vials incinerated.

Neat product that cannot be used or recycled for re-use should be disposed of as hazardous waste through a registered waste contractor. It must not be discharged into groundwater drains or rivers. Contaminated product should be disposed of as clinical waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Contact a licensed professional for disposal consideration. Observe all federal, state and local environmental regulations.

Section 14- TRANSPORT INFORMATION



DOT:

Shipping Name: Phosphoric Acid, solution.
 UN#: 1805.
 Class: 8.
 Packing Group: Packing Group III
 Hazard Label: Corrosive
 Marine pollutant: No.

IATA:

Shipping Name: Phosphoric Acid, solution.
 IATA UN#: 1805.
 Class: 8.
 Packing Group: Packing Group III.
 Hazard Label: Corrosive

Section 15 – REGULATORY INFORMATION

Classification of components of the mixture

Phosphoric acid

H290	Corrosive to metals (Category 1)
H314	Causes severe skin burns and eye damage

Medical Devices Directive

The product is registered as a Class 1 device according to 93/42/EEC and later amendments.

US Regulatory Information

SARA listed: This product contains a component that is subject to SARA 313 reporting requirements.

Section 16 – OTHER INFORMATION

Revision history:

Issue 1	30-Jun-2010	First issue.
Issue 2	13-Oct-2010	Amended to include additional details as per Directive 2001/58/EC.
Issue 3	28-Apr-2013	Revised composition. Complies with Regulation (EC) No. 453/2010.
Issue 4	24-Jun-2013	Action for minor spills added.
Issue 5	21-Nov-2013	Additional products included.
Issue 6	31-Dec-2014	Edited to comply with CPL Regulation (EC) 1272/2008

Disclaimer:

This Safety Data Sheet is not a technical specification and does not guarantee any properties or performance. It has been published for the purpose of giving guidance to the user in the safe storage, use and disposal of the product, and conforms to Regulation (EC) No. 453/2010.

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[END OF SAFETY DATA SHEET]