

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **INTERCEPT PLUS Detergent**  
 Other Names:  
 Product Use: Medical Device Cleaning Detergent  
 Restriction of Use: Refer to Section 15.

New Zealand Supplier: **CRK NZ Ltd**  
 Address: **3 Hotunui Drive  
 Mt. Wellington  
 Auckland**

Telephone: +64 9 276 3271  
 Fax Number: +64 9 276 9645

**Emergency Telephone: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 22 May 2018

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017**

**EPA Approval No: Cleaning Products (corrosive) – HSR002526**

#### Pictograms



Corrosive

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
8.2C	H314	Causes severe skin burns and eye damage.	Skin Corr. 1C
8.3A	H318	Causes serious eye damage.	Eye Corr. 1

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.

P363	Wash contaminated clothing before reuse.
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.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
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 Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Propylene glycol	10	57-55-6
Potassium Phosphate Dibasic	5	7758-11-4
Potassium Phosphate Tribasic	10	7778-53-2
Ethylenediaminetetraacetic acid, tetrasodium salt hydrate	1	64-02-8

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.
If on Skin	In case of contact, immediately flush skin with plenty of water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Get immediate medical advice/attention.
If Swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Get immediate medical advice/attention.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

### Most important symptoms and effects, both acute and delayed

Eyes:	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Skin:	Causes severe skin burns. Symptoms may include redness, pain, blisters.
Ingested:	May be harmful if swallowed. May cause stomach distress, nausea or vomiting. May cause burns to the linings of the mouth, throat, and gastrointestinal tract.
Inhalation:	May be harmful if inhaled. Irritating to respiratory system.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non flammable
<b>Hazards from</b>	Products of combustion may include, and are not limited to: oxides of

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<b>combustion products</b>	carbon.
<b>Suitable Extinguishing media</b>	Use extinguishing media appropriate for the surrounding fire.
<b>Precautions for firefighters and special protective clothing</b>	Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
<b>HAZCHEM CODE</b>	<b>2X</b>

## Section 6. Accidental Release Measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes.

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Provide ventilation.

Dispose of according to Local Regulations.

## Section 7. Handling and Storage

### Precautions for Handling:

- Keep out of reach of children.
- Read label before use.
- Do not breathe fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Wear protective clothing.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep container tightly closed.
- Store locked up.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propane-1,2-diol [57-55-6]	150	474		
Vapour and particulates		10		
Particulates only				

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices JUNE 2016 8TH EDITION.

### Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal Protection

<b>Eyes</b>	Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).
<b>Hands and Skin</b>	Wear chemically resistant protective gloves. Wear suitable protective clothing.

<b>Respiratory</b>	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>General</b>	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Clear Liquid
<b>Odour</b>	Low odour
<b>Odour Threshold</b>	Not available
<b>pH</b>	11.5 – 12.5
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	>100°C (TCC)
<b>Flammability</b>	Not applicable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Density</b>	Not available
<b>Relative Density</b>	1.136 – 1.254
<b>Solubilities</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	Heat. Incompatible materials.
<b>Incompatible Materials</b>	Acids.
<b>Hazardous Decomposition Products</b>	May include, and are not limited to: oxides of carbon.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable LD 50 (Rat) = >2000mg/kg
<b>Dermal</b>	Not applicable. LD50 (Rabbit) = >2000mg/kg
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns and eye damage.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**1,2-Propylene glycol (57-55-6)**

LD50 oral rat 20000 mg/kg

LD50 dermal rabbit 20800 mg/kg

**Postassium Phosphate Tribasic (7778-53-2)**

LD50 oral rat 2000 mg/kg

LD50 dermal rabbit 4640 mg/kg

**Section 12. Ecotoxicological Information**

Not considered to be harmful to aquatic life. May cause long-term adverse effects in the aquatic environment.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**1,2-Propylene glycol (57-55-6)**

LC50 fishes 1 51600 mg/l (96 h - Oncorhynchus mykiss [static])

EC50 Daphnia 1 &gt; 1000 mg/l (48 h - Daphnia magna [Static])

LC50 fish 2 41 - 47 ml/l (96 h - Oncorhynchus mykiss [static])

**Section 13. Disposal Considerations****Disposal Method:**

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Corrosive" and that the label also has the Corrosive Pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** None known.

**Section 14 Transport Information**

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Road and Rail Transport**

UN No: 3266

Class-primary 8

Packing Group III

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(Phosphates solution)

**Air Transport**

UN No: 3266

Class-primary 8

Packing Group III

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(Phosphates solution)

**Marine Transport**

UN No: 3266

Class-primary 8

Packing Group  
Proper Shipping Name:

III  
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(Phosphates solution)

**Limited Quantities Statement:**

If the product's individual container is below 5L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

**Section 15 Regulatory Information**

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: Cleaning Products (corrosive) – HSR002526

HSNO Classification: 8.2C, 8.3A

HSW Controls:

Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (8.2C, 8.3A)
Emergency Response Plan	10000L (8.2C, 8.3A)
Secondary Containment	10000L (8.2C, 8.3A)
Restriction of Use	None

**Section 16 Other Information**

**Glossary**

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness.

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Please contact the New Zealand distributor, CRK, if further information is required.

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