



### SHIELD DISPENSE LINE SANITISER

#### 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

Product name	<b>Shield Dispense Line Sanitiser</b>
Part no.	<b>P247VLC – SAM</b>
Description	A sanitising solution which is used to provide general disinfection against common bacteria and other pathogens.
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#### 2. HAZARDS IDENTIFICATION

##### Classification according to Regulation (EC) no. 1272/2008

Not classified as hazardous according to Regulation (EC) no. 1272/2008

##### Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Not classified as hazardous by the dermal, oral or inhalation route when used as directed. Not classified as hazardous to environment.

Risk phrases: None apportioned or identified for the product under directive 1999/45 EC.

Adverse physical, chemical and human health and environmental effects: None apportioned or identified for the product under directive 1999/45 EC.

##### Labelling elements

Labelling according to Regulation (EC) no. 1272/2008: This product is classified and labelled according to CLP regulation

**Hazard pictograms:** None

#### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance	EINECS	CAS no.	Classification	Range
Lactic acid	230-525-2	7173-51-5	Xi (R41)	0.1 – 0.2%
Inert material and surfactant				99.8 – 99.9%

#### 4. FIRST AID MEASURES

Skin contact	Wash it off with water and soap.
Eye contact	Remove contact lens if easy to do so and if worn. Rinse immediately with plenty of water and seek medical advice if necessary.
Inhalation	Exposure via inhalation is not anticipated. Remove patient to fresh air and keep warm. Seek medical attention if patient feels unwell.
Ingestion	Not classified as harmful if ingested. Gently wipe or rinse mouth with clean water, seek medical advice if necessary and show this SDS.

#### 5. FIRE FIGHTING MEASURES

Extinguishing media	If required, use water spray, carbon dioxide, foam, dry chemicals for extinguishing.
Special hazards arising from the substance or mixture	Do not use solid water stream as it may scatter and spread chemicals unnecessarily.
Advice for fire-fighters	Evacuate non-essential personnel. Move containers from fire area if necessary. Keep containers and surroundings cool with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system.

#### 6. ACCIDENTAL RELEASE MEASURES



**SHIELD DISPENSE LINE SANITISER**

Personal precautions, protective equipment and emergency procedures:  
Environmental precautions  
Methods and material for containment and cleaning up

No special precaution is required at this concentration however; observe federal, state and local environment regulations as duty of care.

Absorb with liquid-binding material (sand, diatomite, acid binders, and universal sawdust). Dike to collect large spills. Ensure adequate ventilation.

**7. HANDLING AND STORAGE**

Handling Use in accordance with product label and ensure correct dilution as directed before use.  
Storage Store in original container at ambient temperature. Protect from extreme temperatures. Use product within use-by date.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Exposure controls  
Hand protection No PPE required for hand, however observe company or institution safety procedure as duty of care.  
Eye protection No PPE required for eye, however observe company or institution safety procedure as duty of care.  
Skin protection No PPE required for skin, however observe company or institution safety procedure as duty of care.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state Aqueous solution  
Colour Colourless to light yellow.  
Odour Characteristic  
pH 5+3 (at room temperature with pH indicator strip)  
Flash point Not applicable.  
Solubility in water Completely miscible.

**10. STABILITY AND REACTIVITY**

Reactivity No decomposition if stored and applied as directed.  
Chemical stability Stable under normal condition. Store in a cool dry place.  
Possibility of hazardous reactions Hazardous decomposition products may be found under fire condition.  
Conditions to avoid Temperature >2000°C  
Incompatible materials Oxidising agents and bases.  
Hazardous decomposition products Build-up of dangerous toxic fumes possible in case of fire.

**11. TOXICOLOGICAL INFORMATION**

Toxicological information  
Acute toxicity – oral Not classified as harmful by the oral route by the conventional method using information derived from supplier's SDS.  
Acute toxicity – dermal Not classified as harmful by the dermal route by the conventional method using information derived from supplier's SDS.  
Inhalation exposure Not anticipated with this formulation if applied as advised.  
Contact with skin Not classified as irritating to skin according to Regulation (EC) 1272/2008.  
Contact with eyes Not classified as irritating to eyes according to Regulation (EC) 1272/2008.  
Sensitisation Does not contain sensitiser.  
Chronic Health Effects:  
Mutagenicity Components do not exhibit mutagenic properties in reported in-vitro studies.  
Reproductive toxicity Components do not exhibit reproductive toxicity effects in reported studies.



**12. ECOLOGICAL INFORMATION**

Toxicity	This product conforms to current EEC directives on toxicity.
Persistence and degradability	This product conforms to current EEC directives on biodegradability.
Bioaccumulative potential	Not expected to accumulate in organisms
Mobility in soil	Not expected to infiltrate to ground water.
Results of PBT and vPBT assessment	Not applicable
Other adverse effects	Not expected to have effects on activated sludge organisms

**13. DISPOSAL CONSIDERATIONS**

Waste disposal	Although this product formulation is not classified as Hazardous Waste observation of federal, state and local environment regulations is required and duty of care observed in disposal processes.
Packaging disposal	Drain well. Empty cartridges can be recycled. See type of plastic. Observe national and regional regulations regarding disposal.

**14. TRANSPORT INFORMATION**

This Material is not defined as Dangerous Goods as defined by the following regulations:

By Road:- ADR 2013	The European Agreement concerning the Carriage of Dangerous Goods by Road.
By Sea:- IMDG	The International Marine Dangerous Goods Code,
By Air:- IATA	IATA Dangerous Goods Regulations 54th Edition

**15. REGULATORY INFORMATION**

Hazard symbols	Not required.
Hazard determining components of labelling	Lactic acid
R-phrases	Not classified as hazardous according to Regulation (EC) no. 1272/2008.
Classification	Classified using information on active substance suppliers under EU 944/2013, amended version of 1272/2008/EC

**16. OTHER INFORMATION**

The statements are based on the current status of our information; they are meant to describe the products with regard to safety requirements and consequently do not have the significance of guaranteeing certain characteristics. This version replaces all other previous versions.