



SHIELD BEER LINE SANITISER

1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

Product name	Shield Beer Line Sanitiser
Part no.	P247VLC – SAM
Description	A sanitising solution which is used to provide general disinfection against common bacteria and other pathogens.
Company	Chemisphere UK Ltd, 4 Richmond Road, Trafford Pak, M17 1RE T: +44 (0) 1536518068 F: +44 (0) 1536411210 E: sales@chemisphereuk.co.uk W: www.chemisphereuk.co.uk
Emergency line:	+44 (0) 7767248499

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



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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.



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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 <i>EU 944/2013, amended version of 1272/2008/EC</i>

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.