

1	Identification of the preparation and the supplying Company	PX-Lepto - A biocide for dilution with water and use on surfaces and articles to control micro-organisms. Killgerm Chemicals Ltd, Denholme Drive, Ossett, West Yorkshire, WF5 9NA. Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: technical@killgerm.com	
2	Hazards identification	Irritating to eyes and skin. Xi R36/38	
3	Composition and information on ingredients	Chlorhexidine solution (20%)	3.0 – 6.0%w/w CAS no. 18472_51_1 R10. R22
		Dimethyldidecylammonium chloride	2.0 – 4.0%w/w CAS no. 8030_78_2 R10. R22
		Alkylbenzyltrimethylammonium chloride	2.0 – 4.0%w/w CAS no. 8001_54_5 R10. R22
		Surface active agents	1.0 – 5.0%w/w R36. R38
		Water	to 100%w/w
4	First Aid measures	Inhalation:	May cause irritation to mucous membranes. Move the exposed person to fresh air.
		Eye contact:	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
		Skin contact:	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
		Ingestion:	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
5	Fire-fighting measures	Extinguishing media:	Use extinguishing media appropriate to the surrounding fire conditions.
		Special hazards arising from the substance or mixture:	Burning produces irritating, toxic and obnoxious fumes.
		Advice for firefighters:	Wear suitable respiratory equipment when necessary.
6	Accidental release measures	Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation of the working area.
		Environmental precautions:	Do not allow product to enter drains. Prevent further spillage if safe.
		Methods and material for containment and cleaning up:	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
7	Handling and storage	Precautions for safe handling:	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
		Conditions for safe storage, including any incompatibilities:	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
8	Exposure controls and personal protection	Exposure limit values:	Data not available yet.
		PPE Item	In Use
		Respirator	Half mask to EN140 + Type AP filter (to EN141 minimum) to required protection factor. P3 filter is recommended for protection against rodent-borne diseases.
		Gloves	Unlined synthetic rubber/PVC 300mm e.g. Solvex Nitrile to EN374.
		Footwear	Impervious footwear.
		Overall	Type 5/6 Coverall.
		Goggles/ Face shield	Face shield to EN1663F when handling concentrate. Safety goggles when the diluted product is in use, to BS EN 166 3459B.
9	Physical and chemical properties	Appearance:	Blue coloured liquid.
		pH:	5 – 11
		Flash point:	54°C
		Bulk density:	0.997 @15.6°C
		Solubility:	Soluble in water to form clear solutions.
		Odour:	Characteristic eucalyptus type odour.
		Incompatibility:	Not a reactive substance. Alkaline materials may de-activate.
10	Stability and reactivity	Product is stable and is not a reactive preparation. Contact with strong alkali will neutralise or reduce disinfectant activity. Shelf-life 2½ years from despatch date when stored at temperatures not exceeding 25°C.	
11	Toxicological information	Routes of entry/symptoms of contact:	
		Inhalation:	No significant hazard.
		Skin and eyes:	Irritating to eyes. Mild skin degreasant.
		Ingestion:	Low hazard. Irritating to mouth, throat, gastro-intestinal tract and stomach. Human studies: 4 hours and 20 hours patch tests have shown minor skin reddening but no harmful effects.
12	Ecological information	Harmful to fish. Do not contaminate ponds, waterways or ditches with chemical or used container. Formulation is not classified as hazardous for environmental effects under CHIP 3 (UK).	
13	Disposal considerations	Empty containers:	Empty completely, wash out & dispose of as non-hazardous waste. EWC code:- 15 01 02
		Unused/recovered materials:	Dispose of via waste disposal contractor or contact supplier for advice.
		Contaminated PPE:	Wash and dispose of as non-hazardous waste. EWC code:- 15 02 03.
14	Transport information	Not classified as hazardous for transport.	

Safety Data Sheet

PX-Lepto

15 Regulatory information	<p>Refer to other relevant measures such as Health & Safety at Work etc. Act 1974 and the COSHH regulations & guidance.</p> <ul style="list-style-type: none">• This preparation has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009: CHIP 4. These implement the Dangerous Preparations Directive- 99/35/EC. This Safety Data Sheet complies with CHIP 4 requirements and the Safety Data Sheets Directive 91/155/EEC (as amended by Directives 93/112/EC and 2001/58/EC).• Preparation is classified as irritant. R36/38.• The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.
16 Other information	<p>® PX is a registered mark of Killgerm Chemicals Ltd. Use only in accordance with label instructions. The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. This data sheet does not constitute a COSHH assessment. The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature. Incorporates the REACH requirement changes to safety data sheets.</p>
