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## Technical Data Sheet

### SA Polichem Industrial **BIO-D EXTRA®**

**Section 1.**  
**Product Information**

<b>PRODUCT NAME</b>	BIO-D EXTRA®	<b>PH</b>	12-13
<b>CHEMICAL CATEGORY</b>	Water Based Degreaser	<b>FOOD GRADE</b>	Not Tested
<b>CHEMICAL TYPE</b>	Alkaline Detergent	<b>ODOUR</b>	Slight chemical odour
<b>VISCOSITY</b>	Thin Liquid	<b>COLOUR</b>	Clear
<b>FLAMMABILITY</b>	Non Flammable		

**Section 2.**  
**Product Description**

**BIO-D EXTRA®** is a medium duty alkaline water based degreaser, with anti-rust and anti-corrosion agents. No caustic soda, solvents or any harmful additives. **BIO-D EXTRA®** is a biodegradable, non-toxic and environmentally friendly degreaser containing no perfumes, bacteria or acids. This detergent can be used in many applications such as workshops and laundries to dissolve stubborn oil and grease. This product can also be applied through high pressure cleaner or foaming equipment and will not cause damage to rubber seals or plastics. This product should be diluted for most applications. When diluted, it can be also used on painted surfaces. **BIO-D EXTRA®** cannot be used for degreasing surfaces with metallic paint finish or be used undiluted on freshly painted areas.



**Section 3.**  
**Dilution and Applications**

<b>LIGHT DUTY</b>	1:20 / 5% / 20ml product per one litre of water  Painted floors. Window washing, general purpose cleaner, upholstery cleaning, carpets, just about any dirty application. Application: Mop and bucket, scrubbing brush, wipe with cloth.
<b>MEDIUM DUTY</b>	1:5 / 20% / 200ml product per one litre of water  Collar and cuff laundry prewash treatment, mildew in the shower, paving, body fat in the shower, workshop and painted concrete floors, tools, light duty ink stains and coal dust. Application: High pressure cleaner, brush.
<b>HEAVY DUTY</b>	100% / NEAT / UNDILUTED / do not add in water  Car engines, deep cleaning in change rooms/houses, prewash additive for washing machines, ink stains, oil stains in the workshop, concrete floors and all heavy duty cleaning. Applications: High pressure cleaner, soak-brush and rinse.

**Section 4.****Packaging and Product Code Information**

SIZE	DESCRIPTION	STOCK ITEM	PRODUCT CODE	PALLET CONFIGURATION	TRUCK LOAD
1L	Plastic bottle	SQ	BIODEX0001	n/a	n/a
5L	Plastic container	YES	BIODEX0005	132 units	4750
25L	Plastic container	YES	BIODEX0025	32 units	1152
200L	Plastic drum	YES	BIODEX0200	4 units	144
1000L	Flowbin on pallet	SQ	BIODEX1000	1 unit	36

**Section 5.****Product Barcode Information**

PACK SIZE	BARCODE	PACK SIZE	BARCODE
1 X 1L	6009707310096	4 X 5L	6009707310065
6 X 1L	O/A	1 X 25L	6009707310072
1 X 5L	6009707310058	1 X 200L	6009707310089

**Section 6.****Quality and Standards**

<b>SOUTH AFRICAN BUREAU OF STANDARDS CERTIFICATION</b>		NO
	<b>NRCS DISINFECTANT REGISTRATION NUMBER</b>	N/A
	<b>ADDITIONAL CERTIFICATIONS OR STANDARDS</b>	NO
<b>MANUFACTURED BY SA POLICHEM (PTY) LTD, AN ISO 9001:2008 REGISTERED FIRM</b>		

**Section 7.****Safety and Precautions**

	DESCRIPTION	PRECAUTION
<b>1</b>	Contact with skin	Recommended to use <b>gloves</b> . Rinse well after contact with skin.
<b>2</b>	Contact with eyes	<b>Avoid contact with eyes. Required to wear goggles</b> for all industrial medium and heavy duty cleaning. In case of accidental eye contact, rinse well with fresh running water for more than 2 minutes. If irritation persists, and seek medical attention.
<b>3</b>	Inhalation	There is no inhalation danger. Use in a well ventilated area.
<b>4</b>	If swallowed	Do not ingest. If accidentally swallowed, do not induce vomiting unless directed to do so by medical personnel – seek medical advice.
<b>5</b>	Product storage	Store in a sealed container, out of direct heat and sunlight and at temperatures of less than 35°C. Store away from foodstuffs.
<b>6</b>	Shelf Life	Up to 2 years if sealed and at temperatures of less than 35°C.
<b>7</b>	Other	Do not mix with other chemicals. <b>KEEP AWAY FROM CHILDREN</b>
<b>8</b>	Disclaimer of liability	We have drawn upon sources, which we consider reliable, for the information contained in this document. The correctness of the information is not guaranteed. The conditions or methods of use, storage, handling or disposal of this product are outside our control. For this reason, we assume no responsibility, and expressly deny any liability for loss, damages or expenses that could result from handling, storage, usage or disposal of the product. This document was prepared for this product and may only be used with it.

**Section 8.****Labelling Iconography**

KEEP FROM CHILDREN

