



Manufacturers & Suppliers of Industrial, Household & Specialised Chemicals

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Technical Data Sheet

BIO-D RAW™

Section 1. Product Information

PRODUCT NAME	BIO-D RAW	PH	12-14
CHEMICAL CATEGORY	Water based Degreaser	FOOD GRADE	N/A
CHEMICAL TYPE	Alkaline Detergent	ODOUR	Slight chemical odour
VISCOSITY	Thin Liquid	COLOUR	Amber
FLAMMABILITY	Non-Flammable	ACTIVE INGREDIENT	Alcohol/Quaternary alkylamine Ethoxylate

Section 2. Product Description

BIO-D RAW is a heavy-duty alkaline water-based degreaser, with anti-rust and anti-corrosion agents. No caustic soda, solvents, or any harmful additives. **BIO-D RAW** is a biodegradable, nontoxic 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, it even draws oil from concrete. 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 RAW** cannot be used for degreasing surfaces with metallic paint finish or be used undiluted on freshly painted areas.

Section 3. Dilution and Applications

LIGHT DUTY	1:30 / 3% / 30ml 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.
MEDIUM DUTY	1:10 / 10% / 100ml product per one litre of water
	Collar and cuff laundry prewash treatment, mildew in the shower, paving and concrete/painted floors, body fat in the shower, workshop floors, tools, light duty ink stains and coal dust. Application: High pressure cleaner, brush.
HEAVY DUTY	Neat / 100% / Do not add water
	Car and truck 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, forklifts, cranes, mining machinery. Applications: High pressure cleaner, soak-brush and rinse, foam-brush and rinse, spray bottle.

Section 4.

Packaging and Product Code Information

SIZE	DESCRIPTION	STOCK ITEM	PRODUCT CODE	PALLET CONFIGURATION	TRUCK LOAD
1L	Plastic bottle	YES	BIODRX0001	n/a	n/a
4 x 1L	Plastic bottle	YES	BIODRX40001	n/a	n/a
4 x (4x1L)	Plastic bottle	YES	BIODRX4X40001	n/a	n/a
12 x 1L	Plastic bottle	YES	BIOR12001.1	n/a	n/a
1Lt Spray-PD	Plastic Spray Bottle	YES	BIODRXS0001PD	n/a	n/a
12 x 1LT Spray-PD	Plastic Spray Bottle	YES	BIODRX120001PD	n/a	n/a
5L	Plastic container	YES	BDRX0005	144 units	720
4 x 5L	Plastic container	YES	BDRX40005	144 units	720
25L	Plastic container	YES	BIODR0025	32 units	800
200L	Plastic drum	YES	BIODR0200	4 units	800
1000L	Flowbin on pallet	YES	BIOR1000	1 unit	36

Section 5.

Product Barcode Information

PACK SIZE	BARCODE	PACK SIZE	BARCODE
1 x 1L	6009707312816	1 X 5L	6009685010544
4 x 1L	0658325260953	4 x 5L	6009707312809
4 x (4x1L)	0658325260960	1 X 25L	6009685010537
12 x 1L	0781159897276	1 X 200L	6009685011626
1Lt Spray-PD	0781159895203	1 X 1000L	6009707312830
12 x 1LT Spray-PD	6009707312823		

Section 6.

Quality and Standards

SOUTH AFRICAN BUREAU OF STANDARDS CERTIFICATION		NO
 NRCS DISINFECTANT REGISTRATION NUMBER		N/A
ADDITIONAL CERTIFICATIONS OR STANDARDS		NO
MANUFACTURED BY SA POLICHEM (PTY) LTD, AN ISO 9001:2015 REGISTERED FIRM		

Section 7.

Safety and Precautions

	DESCRIPTION	PRECAUTION
1	Contact with skin	Recommended to use gloves . Rinse well after contact with skin.
2	Contact with eyes	Avoid contact with eyes. Required to wear goggles 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.
3	Inhalation	There is no inhalation danger. Use in a well-ventilated area.
4	If swallowed	Do not ingest. If accidentally swallowed, do not induce vomiting unless directed to do so by medical personnel – seek medical advice.
5	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.
6	Shelf Life	Up to 2 years if sealed and at temperatures of less than 35°C.
7	Other	Do not mix with other chemicals. KEEP AWAY FROM CHILDREN
8	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.

