



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. |

Section 8.
Labelling Iconography

