

# BD Series

## Biodegradable Degreaser Series



*Solutions you can count on!*

### DESCRIPTION

Mr McKenic® offers a comprehensive range of biodegradable aqueous degreasers tailored for a variety of applications – from heavy duty to light duty use. Each of the degreasers is specially formulated to effectively lift and remove oil, grease, grime, dirt and other stubborn stains from machinery, metal and industrial surfaces.

### APPLICATIONS

The Mr McKenic® Biodegradable Degreaser Series includes BD Ultra, BD Power, BD General, BD Lite, in descending order of degreasing strength. And for especially sensitive surfaces, such as those in the home, there is Citrus Clean, which is ideally suited for removing household grime such as kitchen grease.

#### For Heavy-Duty Cleaning/Degreasing

**DR8215(3)- BD Ultra** is our strongest heavy-duty degreaser and is non-caustic. It is formulated to handle the toughest degreasing jobs that the rest of the degreasers are unable to satisfy. BD Ultra will emulsify stubborn greases, fuel oils and lubricants from most hard surfaces, while removing any built-up grime and carbon stains at the same time. BD Ultra outperforms most conventional petroleum-based solvents under heavy soil conditions, and where water is permitted or desired. Ideal for airport, military, oil and gas, and industrial applications.

**DR8205- BD Power** is a fast action heavy-duty degreaser formulated with caustic agents to provide degreasing strength that readily emulsifies grease, fuel oils and most tough lubricants for easy and complete removal. It is effective against light rust, grime and oily soils. BD Power is ideal for use in industries that utilize hard-wearing and heavy equipment and machinery such as marine, transportation and waste management.

#### For General Cleaning/Degreasing

**DR8210- BD General** is an economical, multi-purpose degreaser and cleaner recommended for general industrial use. It contains a balanced blend of degreasing and caustic agents to effectively lift out common grease, oil, dirt, and other stains from workshop floors, machinery, metal and other industrial hard surfaces. BD General is ideal for all industries.

**DR8210(5)- BD Lite** is a versatile degreaser specially formulated for light degreasing & cleaning applications. It comes as a ready-to-use formula for added convenience. This product is suitable for all routine degreasing and cleaning situations where only light oily soils are present.

#### For Cleaning/Degreasing on Sensitive Surfaces

**DR8215(1)- Citrus Clean** is a non-caustic, high-performance, all-purpose degreaser that is especially suitable for applications where contact with sensitive surfaces and equipment is involved. Its gentle but yet effective formula makes it safe for use in removing oily stains in delicate applications such as ultrasonic cleaners and fine metalwork. Citrus Clean is a low-foaming formulation and comes with a citrus fragrance. Ideal for use in automotive, food-processing, ornamental and decorative applications, and wherever a more delicate touch is desired.

For more information on the capabilities of each of Mr McKenic® Degreasers, please refer to the Products Table on the next page.

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### Products Table: Mr McKenic® Range of Biodegradable Degreasers (BD)

	BD Ultra DR 8215(3)	BD Power DR 8205	BD General DR 8210	Citrus Clean (For sensitive surfaces) DR 8215(1)
<b>PRODUCT PROPERTIES</b>				
Appearance	Light Yellow	Lime Green	Green	Clear
Smell	Citrus	Lime	Apple	Citrus
Solubility (In Water)	Soluble	Soluble	Soluble	Soluble
pH Value (undiluted)	10 – 12	12 - 14	12 – 14	10 - 11
Sp. Gravity	1.02 ± 0.03	1.00 ± 0.03	1.03 ± 0.03	1.03 ± 0.03
Non-Flammable	•	•	•	•
Biodegradable	•	•	•	•
Low-Foaming	•	•		•
Non-Caustic	•			•
<b>DEGREASING PERFORMANCE</b>				
<i>Degreasing Power</i>	★★★★★	★★★★★	★★★	★★★★★
<i>Dilution Ratio (w Water) :</i>				
▪ Extra Heavy Soils	Neat	Neat	-	-
▪ Heavy Soils	1:20 to 1:2	1:20 to 1:2	Neat	Neat
▪ Normal Soils	1:35 to 1:20	1:35 to 1:20	1:20 to 1:2	1:35 to 1:20
▪ Light Soils			1:35 to 1:20	1:60 to 1:35
<b>CLEANING ABILITY</b>				
• Carbon, Coal Tar	●	●	○	●
• Dust, Dirt or Grime	●	●	◐	●
• Gum, Glue & Adhesives	●	●	◐	●
• Rust, Oxidation Stains	●	●	◐	◐
• Scale, Slime or Sludge	●	●	◐	◐
<b>COMPATIBILITY</b>				
• Ceramic Tiles	✓	✓	✓	✓
• Concrete Flooring	✓	✓	✓	✓
• Fabric	✓		✓	✓
• Glass	✓	✓	✓	✓
• Metals	✓	✓	✓	✓
• Painted Surfaces				✓
• Plastic			✓	✓
• Rubber			✓	✓

Legend: ● Excellent ◐ Good ○ Moderate

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### PACKING AVAILABLE

Code	Packing
DR82XX-P5	5 Ltr Btl
DR82XX-P25	25 Ltr Drum
DR82XX-P210	210 Ltr Drum

### BENEFITS

- Powerful Effective Degreasing for All Applications and Industries
- Water-based and Biodegradable
- Outperforms Most Conventional Petroleum Based Solvents
- Pleasant Fragrance \*
- High Dilution Ratios\*
- Fast Action
- Adapted for Most Surfaces\*

\* please refer to Products Table for more details

### DIRECTIONS

NOTE: Before use on non-metal, painted or any other sensitive surfaces/equipment, always apply biodegradable degreaser on a piece of clean cloth and test on a small area first

1. Mr McKenic® Biodegradable Degreasers can be applied using spray, soak or mop methods.
2. Using the Products Table, select a suitable Mr McKenic® Biodegradable Degreaser for your application.
3. Dilute Mr McKenic® Biodegradable Degreaser with water to the suggested dilution ratio in accordance to the intended use.
4. Apply directly onto target areas. Agitate with a brush if necessary.
5. For heavy soils, leave the degreaser to soak in for 10-15 mins to work on the stains.
6. Flush off completely with plenty of water until clean.
7. Dry surface with a clean mop or cloth.
8. Repeat application if necessary.

### HANDLING PRECAUTIONS

1. Avoid direct contact with eyes and prolonged contact with skin and clothing.
2. Use chemical resistant gloves when handling.
3. Use only with adequate ventilation. Avoid breathing vapors or spray mists.
4. Keep away from live electrical motors and other electrical equipment.
5. After handling, always wash gloves and hands thoroughly with soap and water.
6. In case of contact with eyes, rinse thoroughly with water and seek medical advice.
7. In case of accidental spillage onto body, remove contaminated clothing. Flush exposed area with plenty of water followed by washing with soap. Seek medical advice if any irritation occurs.
8. If swallowed, take plenty of water & seek medical advice immediately.
9. Keep out of reach of children.
10. Additional information may be obtained from the relevant Safety Data Sheet (SDS).