# CRC HydroPower

## 1. General description:

Water based, pH neutral, general degreaser. Quickly and safely removes, grease, oil, lubricants, grime, and other tough contaminants from mechanical parts and surfaces.

## 2. Features:

- High Output for additional mechanical force, that flushes away the dirt.
- Food processing Safe/ NSF registered.
- No harmful Volatile Organic Components (VOCs).
- Readily Biodegradable formula (≥ 60% by OECD 301).
- Strong degreasing performance.
- Free of hydrocarbon solvents.
- Non-flammable.
- Safer for the user and the environment.

## 3. Applications:

- Machinery, equipment, and parts cleaning: engines, motors, parts, milling machines, drilling machines, hydraulic presses, combustion engines, belts, chains, trolleys, tanks, centrifuges, boilers, filters, fillers, homogenizers, exchangers, etc.
- Building maintenance: air conditioning systems, radiators, railings, etc.
- Marine maintenance: covers, sails, waterlines, etc.
- Pipes, tanks and floor cleaning (in bulk version).
- General MRO cleaning tasks.

## 4. Directions

***AEROSOL:***

Apply liberally and allow to run off.
Let the product act for 1-2 minutes.
Surface may need to be wiped or agitated for removal of the toughest contaminants.
Rinse off with potable water.
Protect and re-lubricate if necessary.

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*BULK:*

**Floors**: For heavy contaminated industrial floors: the product can be poured on the to be cleaned area to soak in. After >10 minutes of soaking, a industrial floor cleaner can be used to scrub and remove the product. A second cleaning rinse with water is required.

For less contaminated floor areas the product can be put straight in the mechanical cleaner at a dilution ratio of 1:4 to 1:10.

**Pipes and tanks**:

Manual Cleaning:

- Use a pressure washer (dilute at 1:4) or spray bottle.
- Scrub surfaces if needed.
- Rinse thoroughly with water.

Soaking:

- Fill tanks/pipes with cleaning solution* for 24 hours.
- Rinse thoroughly with water.

Recirculation (CIP) method:

- Pump the cleaning solution* through the system repeatedly.
- Rinse thoroughly with multiple water cycles.

*May be diluted depending on the type of contamination

**CAUTION for Painted and Sensitive Surfaces when using high performing cleaners:**

- **Pre-Cleaning Test:** Prior to commencing the cleaning process, a suitability test is highly recommended. This ensures compatibility and minimizes the risk of potential damage.
- **Post-Cleaning Rinse:** Following the cleaning process, a thorough rinse with potable water is essential to remove remaining cleaning solution. This prevents potential surface degradation.

***A material safety data sheet (MSDS) compliant to the EC regulation No. 1907/2006 Art.31 and amendments is available for all CRC products***

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## 5. Typical Product Data:

| | |
|---|---|
| Appearance: | Clear liquid |
| Smell: | Low |
| Density (@ 20°C): | 1,002 g/cm³ |
| Flammability / flash point: | Non-flammable |
| Plastic compatibility: | Compatible with PU, HDPE, PVC, ABS and PSU* |
| VOC (g/L) : | 0 |
| Surface Tension: | 32.6 mN/m |
| Dynamic viscosity (@ 20°C): | 4.28 mPa.s |
| pH value: | 6-8 |
| Biodegradability (OECD 301): | >60% (= readily biodegradable) |
| Solubility in water: | Complete |
| NSF category: | A1 |

*For PSU (Polysulfone) correct water rinse is required.

## 6. Packaging:

Aerosol: 12x 400 ML
Bulk: 5L, 20L



Date: 13/12/2024