Technical Data Sheet

CRC ECO Complex Blue

1. General Description

Removes grease, oil, lubricants, grime, blood, nicotine, food and other tough stains, etc from any washable surface.
It is readily biodegradable, free of phosphate, EDTA, ammonia or perfume.
Adapted for use in every industry, including food processing (NSF certified).

2.Characteristics

- “Readily” biodegradable per OECD 301B> 64%
- Effective in both cold and warm water.
- Excellent for use in pressure washer and steam cleaning equipment.
- It exists in concentrated and ready to use form for increased convenience and economy
- Can be diluted up to 1:100 to provide a single product for all cleaning needs.
- Does not contain mineral hydrocarbons, animal derived materials, alcoholic beverages, nuts oils or genetically modified ingredients.
- Non flammable
- Contains no ammonia, chlorinated or petroleum solvents.
- Free of phosphate, EDTA, other hazardous solvents and VOCs
- Safe on most surfaces including metals, plastics, and painted surfaces
- NSF registration A1 (registration number: 111199)

3.Aplications

For cleaning of all washable surfaces in general industry (automotive, chemical, transport, metal, etc) and in the food industry (meat, dairy, packaging, cellars, bottling, bakeries, etc):

- 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.
- Hard surfaces: counters, driveway, cabinets, concrete floors, etc
- Fabrics: working clothes, carpets, etc
- Building maintenance: air conditioning systems, radiators, blinders, railings, etc
- Marine maintenance: covers, sails, waterlines, etc
- Vehicule maintenance: automobiles, vans, forklifts, trailers, bicycles, etc

4.Instructions

CRC Complex Blue is effective in a Ready-To-Use (RTU) trigger sprayer, and also when used on pressure washers, steam cleaners, dip tanks and as bulk cleaner.
Do not use CRC Complex Blue on leather or non-washable surfaces.

4.1. Ready-To-Use (RTU)

Apply directly to the surface to be cleaned. Rinse with cold water or wipe with damp cloth or sponge.
For very contaminated surfaces, allow the product to penetrate for 1-2 minutes.

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4.2. Concentrated

Use undiluted to remove grease, oil and other heavy contaminants from machinery, parts, tools and equipment. Wet surface first with water for best results. Apply directly to surface to be cleaned. Allow to penetrate for one minute or more. Rinse with cold water or wipe with damp cloth or sponge. Heavy deposits may require scrubbing with a brush or sponge. Repeat if necessary.

4.3. Diluted

Best results are obtained when using warm water (+50°C) for dilution. After application rinse with cold water. The suggested dilution ratios (e.g. 4:1 - add 4 parts water to 1 part of CRC Complex Blue) prepared below are guidelines. Every cleaning application will vary in the amount of soil to be removed. It is suggested to try the lowest (most cost effective) ratio first. If soil removal is not acceptable, repeat washing or increase the strength of the solution.

Application	Dilution ratio	Cleaning method
Heavy equipment, engines, trailers, forklifts, motors.	4:1 to 10:1	Pressure washer
General maintenance, concrete floors, boats, aircraft, driveways.	10:1 to 40:1	
Heavy equipment, engines, trailers, forklifts, motors.	10:1 to 40:1	Steam cleaner
Tools, small parts, stampings, pulleys.	4:1 to 10:1	Dip tanks, parts washers
Driveway, concrete floors (wet first, apply cleaner, use stiff brush).	4:1	Bulk cleaning
Mop floor cleaning	50:1 to 120:1	
Automobiles,vans, recreational vehicles - exteriors (wet surface first).	30:1 to 70:1	
Automobiles,vans, recreational vehicles - interiors (wet surface first).	30:1 to 120:1	

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5. TYPICAL PRODUCT DATA

	Concentrated	Ready-To-Use (RTU)
Appearance:	Clear, blue	Clear, blue
Smell:	Soft	Soft
Specific gravity (@ 20°C)	1,01	1,01
Initial boiling point (°C)	100	100
Freezing point (°C)	-2	-2
pH (@ 20°C)	11	11
Flammability limit	Non-flammable	Non-flammable
Solubility in water	Complete	Complete
VOC (g/L)	0	0
Biodegradability (OECD 301B)	>64%	> 64%
Compatible with most plastics ac. to Bellcore stress cracking method	Polyphenyl ether (PPE), polycarbonate (PC), Polyurethane (PUR and PU), High Density Polyethylene (HDPE), Polyvinyl chloride (PVC), Acrylonitrile butadiene styrene (ABS), Polysulfone (PSU), etc.	

6.PACKAGING

Ref. 10286 Ready-To-Use (RTU): 750 ml

Ref. 10282 concentrated bulk : 2 x 5 L

Ref. 20123 concentrated bulk : 1 x 20 L

Ref. 30431 concentrated bulk : 1 x 200 L

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com.

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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