



**Environmentally  
Preferred Products**



**THOUSAND-AND-ONE SOLUTIONS**

# Environmentally Preferred Products



## General Criteria (exclusion criteria)

1. Each formula **will not** contain:
  - Heavy metals such as mercury (Hg), lead (Pb), cadmium (Cd) etc. known for their toxicity and persistence in the environment. (ref 1)
  - Substances of Very High Concern (SVHC). (ref 2)
  - Substances with a Global Warming Potential > 150 such as HFC's. (ref 3)
  - RoHS listed substances. (ref 4)
  - Nitrites.
  - Aromatic hydrocarbons.
  - Chlorides & bromides.
  - Phosphates and Nonyl Phenols in case of cleaners.
2. Each formula will not be classified as "toxic or very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment".
3. Each formula will not be classified as "may cause sensitization by inhalation and skin contact".

## Product specific criteria (inclusion criteria)

- Each formulation **will** meet a minimum of three of the following criteria (product category depended).
1. Main component is water or contains at least 50% renewable materials (ref 5). In case of lubricants the amount of renewable material is at least 70%, in case of greases at least 45%. (ref 6)
  2. Formula contains less than 10 % Volatile Organic Components (VOC). (ref 7)
  3. Ecological packaging. (ref 8)
  4. For products listed as corrosion protection, provide a Salt Spray protection of a least 250 hours. (ref 9)
  5. Inherently biodegradable according to OECD 302C\*. (ref 10)
  6. Readily biodegradable according to OECD 301\*\*. (ref 11)
  7. Meets the criteria of the European Eco-Label (see also [www.eco-label.com](http://www.eco-label.com)). (ref 12)

**Ref 1.** E. Lawrence, A. R. W. Jackson, J. M. Jackson (Eds.), Longman Dictionary of Environmental Science, Addison Wesley Longman, Harlow (1998). **Ref 2.** Annex XV, Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restrictions on Chemicals **Ref 3.** Directive 2006/40/EC relating to emissions from air-conditioning systems in motor vehicles. **Ref 4.** Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. **Ref 5.** Commission decision 2005/360/EC establishing ecological criteria and the related assessment and verification requirements for the award of the Community eco-label to lubricants, Annex, paragraph 5 **Ref 6.** Commission Decision 2005/360/EC establishing ecological criteria and the related assessment and verification requirements for the award of the Community eco-label to lubricants, Annex, paragraph 5 **Ref 7.** Commission Decision 2005/344/EC establishing ecological criteria for the award of the Community eco-label to all-purpose cleaners and cleaners for sanitary facilities, Annex paragraph 8 - Volatile organic components with a boiling point lower than 150°C **Ref 8.** ecological packaging: Directive 94/62/EC on packaging and packaging waste. **Ref 9.** ASTM B117 **Ref 10.** inherently biodegradability (modified MITI test): OECD 302C **Ref 11.** readily biodegradability: OECD 301 (A-F) **Ref 12.** Commission decision 2005/360/EC for lubricants - Commission decision 2005/344/EC for cleaners

\*\*p\*\* BIODEGRADATION = the breakdown of chemical substances by living organisms. The end result of biodegradation is often the complete conversion of organic substance to CO<sub>2</sub> and water.

\* INHERENT BIODEGRADABILITY (OECD 302): Test performed under more favourable conditions for biodegradation. Chemicals that pass an inherent biodegradability test are considered non-persistent, although the breakdown of the chemical in the environment may be slow.

\*\* READY BIODEGRADABLE (OECD 301): Test performed in most stringent test conditions. Chemicals that are shown to pass a ready biodegradability test rapidly degrade in wastewater treatment plants and in the natural environment.

## Overview CRC Environmentally Preferred Products (EPP)

Range	Product	(*)	Packaging	Volume	Page
Cleaner	Foam Cleaner	FPS	Aerosol	500 ml	4
Cleaner	Inox Kleen	FPS	Aerosol	500 ml	4
Cleaner	Complex Blue	FPS	Bulk	750 ml & 5 L	4
Cleaner	Multipurpose Gel Cleaner	Aqua	Bulk	5 L	4
Cleaner	Purifying Cleaner	Aqua	Bulk	5 L	5
Cleaner	Traffic Film Remover	Aqua	Bulk	5 L	5
Cleaner	Pipe De-Blocker	Aqua	Bulk	5 L	5
Cleaner	Scale Remover	Aqua	Bulk	1 L	5
Other	Bio Weld	-	Aerosol	400 ml	6
			Bulk	5 L	
Other	Leak Finder	FPS	Aerosol	500 ml	6
			Bulk	5 L	

\* FPS: Food Processing Safe products (NSF registered)

AQUA: H2O-based products





**Foam Cleaner**



**Inox Kleen**



**Complex Blue**



**Multipurpose Gel Cleaner**



**Non-flammable, slow drying water based cleaner, suitable for removing heavy contaminants in vertical applications in food processing areas.** A concentrated, water based degreaser for use in the food industry; NSF A1 registered. The stable, non-dripping foam formula ensures a long contact with the contamination, especially on vertical surfaces. Rinse with water after application.

Meets CRC EPP criteria 1, 2, 3, 5, 6



**Water based, foaming cleaner for degreasing and cleaning shiny metal surfaces.** CRC Inox Kleen is NSF A7, C1 registered for use in the food industry. It eliminates fingerprints, watermarks, dust and dirt from stainless steel. It leaves a protective non-greasy barrier for a long-term original aspect and provides metal surfaces with a long-term staining and contamination resistance. CRC Inox Kleen is also suitable for aluminum, chrome and most plastics (test prior to use).

Meets CRC EPP criteria 1, 2, 3



**Non-flammable, slow drying water based cleaner for heavy contaminants in food processing areas.** A concentrated, water based degreaser for use in the food industry; NSF A1 registered. Excellent product for use in dip tanks, pressure washer, ultrasonic and steam cleaning equipment. Dilute according information on the datasheet. Safe on plastics. Rinse with water after application.

Meets CRC EPP criteria 1, 2, 3, 5, 6



**Citrus gel degreaser.** A water based degreaser based upon a blend of citrus oils, surfactants and thickening agents. Effectively removes a variety of contaminants from virtually any hard surface. Ideal for use on vertical surfaces. Safe for use on most plastics, painted or enamelled surfaces.

Meets CRC EPP criteria 1, 2, 3



### Purifying Cleaner



### Traffic Film Remover



### Pipe De-Blocker



### Scale Remover



**Multi-functional detergent.**  
A neutral pH water based cleaner with a refreshing fragrance. Contains a broad spectrum biocide.

**Heavy duty vehicle grime cleaner.**  
Water based cleaner for the removal of traffic film and general environmental soiling. Can be applied manually with a pressure washer or through automatic washing equipment. Safe for use on most plastics, painted surfaces and car bodies.

**Powerful de-blocking agent.**  
Water based, concentrated blend of caustic soda, surfactants and complexing agents. Highly alkaline, penetrates thick grease and fat residues. May be used for preventive maintenance.

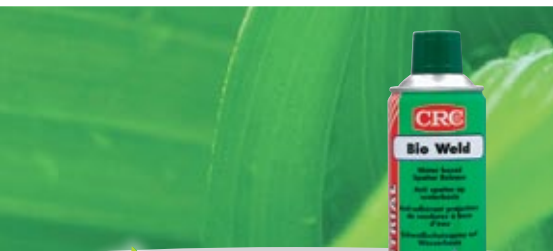
**Powerful de-scaler.**  
Cleaner for the removal of deposits of lime scale and rust. Restores and improves surface finish. Suitable for use on most metals and plastics.



**Bio Weld**

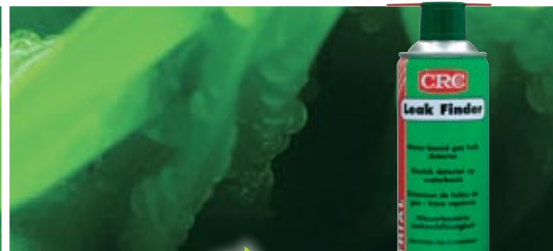


**Leak Finder**



**Non-flammable water based anti spatter, ideal when galvanising will be performed afterwards.**

Ensures an easy removal of spatter on metal surfaces. Protects the area around the welding seam from spatter. Prevents obstruction of the nozzle of automatic and semi-automatic welding equipment, thus ensuring a free gas flow and a free supply of welding material.



**Allows detecting leaks in gas conduits and installations.**

Water based detector for gases. Meets the requirements of EN 14291 and DVGW (German Technical and Scientific Association for Gas and Water) registration number NG-5170AS0069. CRC Leak Finder detects gas leaks in pressurized pipe work and pressurized systems. At the location of a gas leak, it forms highly visible bubbles.



## Contact

CRC Industries is a worldwide supplier of chemical products for the industry, automotive and electro segments. The company consists of four operating groups headquartered in the United States, Belgium, the United Kingdom and Australia. CRC Industries Europe is ISO 9001 certified.

In Europe we manufacture and supply:

- Cleaners
- Lubricants
- Anti-corrosion products
- Adhesives
- Welding products
- Additives
- Paints
- Moulding products
- Other specialty products

... for the European, African and Middle East areas.

We guarantee high quality products by following strict guidelines in all facets of research, development and production. We aim to meet today's most stringent environmental and safety standards. Furthermore CRC develops new products and continues to adapt existing products to meet the needs of our customers.

All information is based on test results by CRC Industries. All products should be tested for suitability on a particular application prior to use. CRC Industries makes no warranties of any kind concerning these data and has no liability for any product change arising after issue of this publication.

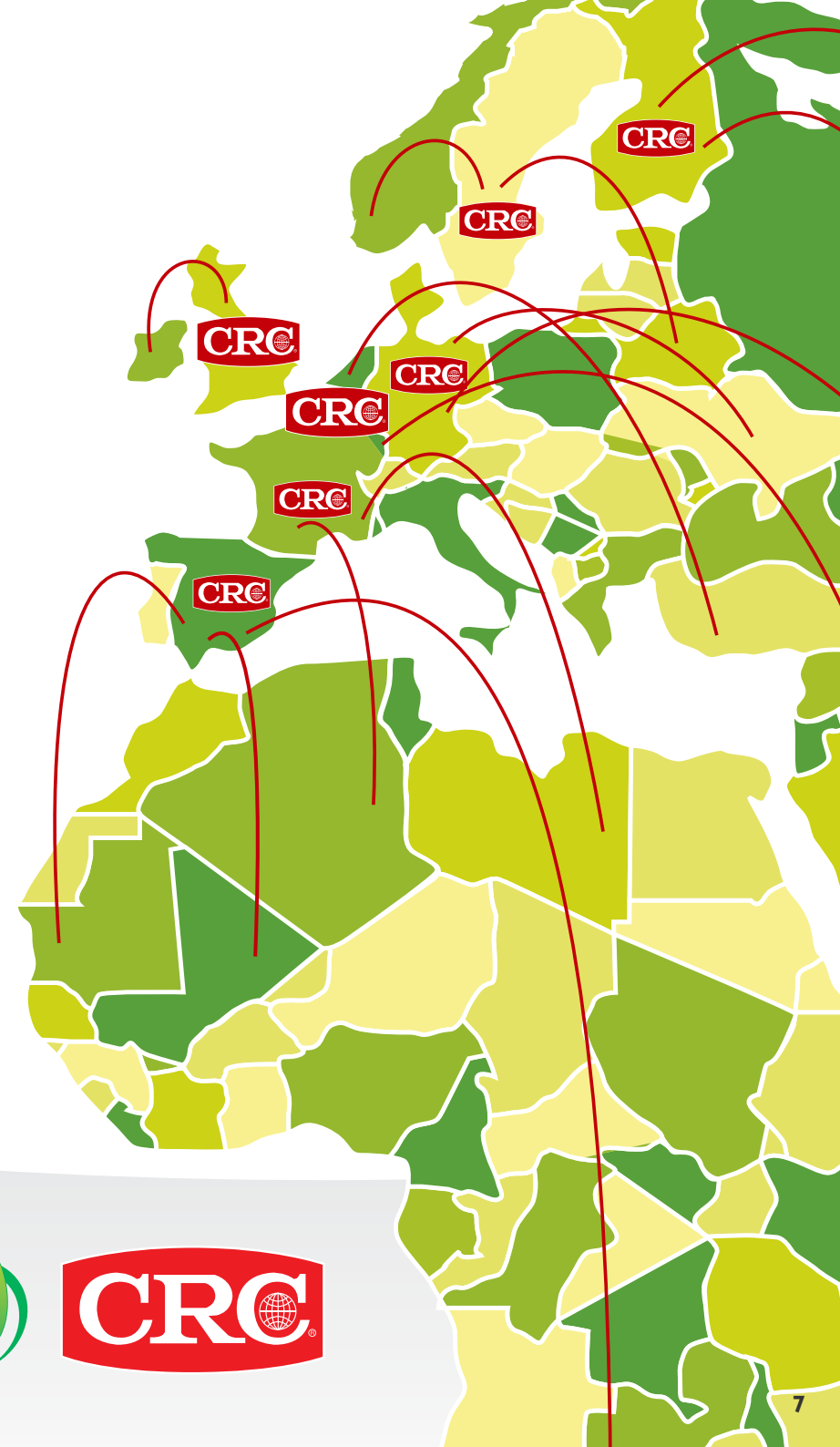
Note: The CRC product range is country-related. It is possible that some products, listed in the catalogue, might not be available.

CRC Industries Europe  
Touwslagerstraat 1  
B-9240 Zele, Belgium  
Tel.: +32 (0)52-456011  
Fax: +32 (0)52-450034

For detailed product information, Technical Data and Material Safety Data, please consult our website:

[www.crcind.com](http://www.crcind.com)

**“See for yourself that  
CRC is the best solution!”**





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