



CRC® HydroForce® Zero VOC General Purpose Cleaner, 946 mL

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-08-25 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® HydroForce® Zero VOC General Purpose Cleaner, 946 mL
Product code : 1006273
Part number : 74446

1.2. Recommended use and restrictions on use

Recommended use : General purpose cleaner
Restrictions on use : None known

1.3. Supplier

Manufactured or sold by:

CRC Canada Co.
83 Galaxy Blvd.
Unit 35 - 37
Toronto, ON M9W 5X6
Canada
T 416-847-7750
crcindustries.ca

1.4. Emergency telephone number

Emergency number : 800-424-9300 (CHEMTREC)
24-Hour Emergency

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Serious eye damage/eye irritation, Category 2A	Causes serious eye irritation.
Hazardous to the aquatic environment, Acute Hazard, Category 3	Harmful to aquatic life.
Hazardous to the aquatic environment, Chronic Hazard, Category 3	Harmful to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) :

Warning

Hazard statements (GHS CA) :

Causes serious eye irritation

Precautionary statements (GHS CA) :

Wear eye and face protection.

Wash hands thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

Dispose of contents/container in accordance with local/regional/national regulations.

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2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Water	Water	CAS-No.: 7732-18-5	80 – 100
Ethoxylated alcohols (C=9-11)	Ethoxylated alcohols (C=9-11)	CAS-No.: 68439-46-3	3 – 7
Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	CAS-No.: 61791-10-4	1 – 5

Comments : The exact percentage (concentration) of composition has been withheld as a trade secret. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : Repeated or prolonged contact may cause slight irritation to the skin.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water fog. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.
Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.
Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Open doors and windows or use other means to ensure a fresh air supply during use. If you experience any symptoms listed on this label, increase ventilation or leave the area. For product usage instructions, see the product label.
Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Protect from sunlight. Store in a cool, dry place out of direct sunlight.
Packaging materials : Store always product in container of same material as original container.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Wear protective gloves such as: Nitrile. Neoprene. Rubber.

Eye protection:

Wear safety glasses with side shields (or goggles).

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Clear
Odor	: Mild detergent.
Melting point	: 0 °C (32 °F) estimated
Freezing point	: 0 °C (32 °F) estimated
Boiling point	: 100 °C (212 °F) estimated
Flammability (solid, gas)	: Not applicable
Explosion limits	: No data available
Flash point	: None
Auto-ignition temperature	: 150 °C (302 °F) estimated
Decomposition temperature	: No data available
pH	: 10.3
Viscosity, kinematic	: No data available
Solubility	: Water: Appreciable
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: No data available
Evaporation rate	: Slow
Density	: No data available
Relative density	: 1.04
Relative vapor density at 20°C	: No data available

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Particle characteristics : No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : None under recommended storage and handling conditions (see section 7).
Incompatible materials : Strong oxidizing agents.
Hazardous decomposition products : Acrolein.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Ethoxylated alcohols (C=9-11) (68439-46-3)	
LD50 oral rat	1378 mg/kg Source: Corporate Solution From Thomson Micromedex
LD50 dermal rabbit	2000 mg/kg Source: Corporate Solution From Thomson Micromedex
LC50 Inhalation - Rat	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Water (7732-18-5)	
LD50 oral rat	90000 mg/kg
LD50 oral	> 90000 mg/kg body weight
LD50 dermal	> 90000 mg/kg body weight

Skin corrosion/irritation : Not classified
pH: 10.3

Ethoxylated alcohols (C=9-11) (68439-46-3)	
pH	6 – 7.5

Water (7732-18-5)	
pH	7

Serious eye damage/irritation : Causes serious eye irritation.
pH: 10.3

Ethoxylated alcohols (C=9-11) (68439-46-3)	
pH	6 – 7.5

Water (7732-18-5)	
pH	7

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

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STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

Ethoxylated alcohols (C=9-11) (68439-46-3)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Repeated or prolonged contact may cause slight irritation to the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Ethoxylated alcohols (C=9-11) (68439-46-3)	
LC50 - Fish [1]	8.5 mg/l Source: ECOTOX
EC50 - Crustacea [1]	2.686 mg/l Source: ECOTOX
EC50 96h - Algae [1]	1.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

CRC® HydroForce® Zero VOC General Purpose Cleaner, 946 mL	
Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Water (7732-18-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.38

12.4. Mobility in soil

Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides (61791-10-4)	
Mobility in soil	0.2083 Source: EPISUITE

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Dispose of contents/container in accordance with local/regional/national regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Do not allow to enter sewers, surface or groundwater.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

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SECTION 14: Transport information

In accordance with TDG / IMDG / IATA

TDG	IMDG	IATA
14.1. UN number		
Not regulated.	Not regulated.	Not regulated.
14.2. Proper Shipping Name		
Not regulated.	Not regulated.	Not regulated.
14.3. Transport hazard class(es)		
Not regulated.	Not regulated.	Not regulated.
14.4. Packing group		
Not regulated.	Not regulated.	Not regulated.
14.5. Environmental hazards		
No supplementary information available		

14.6. Special precautions for user

TDG

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

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All components of this product are listed on the DSL, NDSL, or are exempt from the inventory requirements.

Name	CAS-No.	Regulatory reference
Ethoxylated alcohols (C=9-11)	68439-46-3	Listed on the Canadian DSL (Domestic Substances List)
Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791-10-4	Listed on the Canadian DSL (Domestic Substances List)
Water	7732-18-5	Listed on the Canadian DSL (Domestic Substances List)

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15.2. International regulations

Ethoxylated alcohols (C=9-11) (68439-46-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides (61791-10-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.2. Other Regulatory Information

Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268

VOC content	0 %
Product Category	General-purpose hard-surface cleaner

SECTION 16: Other information

Issue date : 08-25-2025

Other information : CRC # 686/1002733.

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Safety Data Sheet (SDS), Canada, CRC

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