

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **CRL Bio-Clean Water Stain Remover – 473ml**
 Product Code: CRLBC
 Product Use: Scouring Cleanser
 Restriction of use: Refer to Section 15

New Zealand Supplier: **Glasscorp Limited**
 Address: **124 Bush Road
 Albany
 Auckland
 New Zealand**

Telephone: 09 415 6338
 Fax Number: 09 415 6339
 Website: www.glasscorp.co.nz

Emergency Telephone: 09 415 6338 or 0800 764 766 (National Poison Line)

Glasscorp date of issue: 21 July 2020

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

Pictograms:



Irritant Corrosive

Signal Word: **DANGER**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
6.1D (oral)	H302	Harmful if swallowed.	Acute Tox. 4
6.3A	H315	Causes skin irritation.	Skin Irrit. 2
8.3A	H318	Causes serious eye damage.	Eye Corr. 1

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective clothing as detailed in Section 8.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P362	Take off contaminated clothing and wash before re-use.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Triple rinse and dispose of according to local regulations

Section 3. Composition / Information on Ingredients

Hazardous Ingredients	Cas Number	Weight
Silica	14808-60-7	35-40
C ₉₋₁₁ Alcohol ethoxylate	68439-46-3	5-10
Sulfonic Acid	27176-87-0	5-10
Water	7732-18-5	To bal

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
If on Skin	Take off contaminated clothing and wash before re-use. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	DO NOT induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a POISON CENTER or doctor/physician if you feel unwell.
If Inhaled	Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

Most important symptoms and effects, both acute and delayed

Symptoms:	Burning or irritation or affected areas.
Swallowed:	Harmful if swallowed.
Inhaled:	Not applicable.
Eyes:	Causes serious eye damage.
Skin:	Causes skin irritation.

Notes to Doctor: Treat exposed patients symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	None known.
Suitable Extinguishing media	High pressure water jet.
Precautions for firefighters and special protective clothing	Fire fighters should wear appropriate protective equipment including self-contained breathing apparatus and impervious clothing.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protection recommended in Section 8. Do not eat, drink or smoke while cleaning up.

Environmental precautions

Keep out of sewers, storm drains, surface waters, and soils.

Methods and materials for containment and cleaning up

Small spills may be wiped up and rinsed with water.

For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Dispose of according to Section 13.

Section 7. Handling and Storage

Precautions for safe handling:

- Read label before use.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid contact with skin or eyes.
- Use only according to label directions.
- If unsure about safe use, contact your supervisor.
- Wear protective clothing as detailed in Section 8.

Precautions for safe storage:

- Keep out of reach of children.
- Store away from incompatible materials listed in Section 10.
- Do not contaminate water, food or feed by storage and disposal.
- Store in lightly closed, original container in a cool (10= - 30=C) dry area.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	mg/m ³	STEL ppm	mg/m ³
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No ingredients have exposure limits.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or

narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION

Engineering Controls:

Proper ventilation in accordance with good industrial hygiene should be provided.

Personal Protection Equipment



Eyes	Chemical resistant goggles or face protection.
Hands and Skin	Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established. Protective clothing (long sleeves, pants).
Respiratory	Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator.
General	When using do not eat, drink or smoke, Wash hands before eating, drinking or smoking, Avoid contact with skin, eyes or clothing. Eyewash/safety shower are always advisable when working with chemicals.

Section 9 Physical and Chemical Properties

Appearance	Green Slurry
Odour	Mint odour.
Odour Threshold	Not available
pH	2.1 – 3.1
Boiling Point	100°C
Melting Point	0°C
Freezing Point	0°C
Flash Point	>93 °C
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	Not available
Relative Density	1.25
Soluble in water	Complete
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Viscous slurry
Solid content (%)	Not available
VOC	<1 (excluding exempt material)
Evaporation Rate	Similar to water

Section 10. Stability and Reactivity

Stability of Substance	This product is stable at ambient temperatures and atmospheric pressures.
Possibility of hazardous reactions:	Will not occur
Conditions to Avoid	Temperatures above 50°C or below 10°C
Incompatible Materials	None known.
Hazardous Decomposition	None known.

Products	
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Section 11 Toxicological Information

Acute Effects:

Swallowed	Harmful if swallowed.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye damage.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
C9-11 Alcohol ethoxylate (68439-46-3)	1400 mg/kg (rat)	-	-
Sulfonic Acid (27176-87-0)	404-1470 mg/kg (rat)	-	-

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	Material is not persistent. All organic components.- 1% are readily biodegradable.
Bioaccumulation	No data available
Mobility in Soil	Accidental spillage may lead to penetration of soil and groundwater.
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Dispose of product as per local Regulations. Wrap clean empty container in plastic bag and discard in trash.

Precautions or methods to avoid: Do not contaminate water, food or feed by disposal.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530



HSNO Classification: 6.1D(oral), 6.3A, 8.3A

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handlers	Not required
Location Certificate	Not required
Signage Trigger Quantities (Schedule 3)	1000L (8.3A)
Emergency Response Plan (Schedule 5)	1000L (6.1D)
Secondary Containment (Schedule 5)	1000L (6.1D)
Tracking (Schedule 26)	Not required
Restriction of use	Only for intended use.

Section 16 Other Information

Glossary

AWC	Aggregate water capacity.
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been issued by Glasscorp Limited and serves as the product Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Glasscorp Limited by the Manufacturer and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Glasscorp Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Glasscorp Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS. The information herein is given in good faith, but no warranty, express or implied is made. Please contact Glasscorp Limited, if further information is required.

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