

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: CRL BIO-CLEAN WATER STAIN REMOVER

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Stain remover for glass and metal

Issued: 29/7/2020

CRL Product Cat. No.: WSR1

Details of Manufacturer or Importer: C.R. Laurence Pty Ltd
9 Shale Place
Eastern Creek NSW 2766

Email: crlaus@crlaurence.com.au

Phone Number: 02 9851 3444

Emergency Telephone Number: National Poison Information Centre: 13 11 26

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



corrosion

Eye Dam. 1

H318 Causes serious eye damage.



Skin Irrit. 2

H315 Causes skin irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

Signal Word

Danger

Hazard Statements

H315

Causes skin irritation.

H318

Causes serious eye damage.

H317

May cause an allergic skin reaction.

2. HAZARDS IDENTIFICATION (CONT.)

Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P305+P351+P338 IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
14808-60-7	Quartz (SiO ₂)	35-40%
68439-46-3	Alcohols, C9-11, ethoxylated ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Aquatic Chronic 4, H413	5-10%
27176-87-0	dodecylbenzenesulphonic acid ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317	5-10%

4. FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for 15-20 minutes. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Skin Contact: Causes burning and irritation of affected areas.

Eye Contact: Causes serious eye damage, burning and irritation.

Ingestion: May be harmful if swallowed.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions. Do not use full water jet.

Specific Hazards Arising from the Chemical:

Product is not a fire hazard.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

For small spills: Wipe up spill and rinse with water. For larger spills: Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Flush spill area with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container, tightly closed when not in use. Store at temperatures 10-30 °C. Protect from heat (temperatures above 50 °C) or low temperatures (below 10 °C).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	
14808-60-7 Quartz (SiO ₂)	
NES	TWA: 0.1 mg/m ³ respirable dust

Engineering Controls:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the limits.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)

Respiratory Protection:

Respiratory protection is not required under normal use conditions. Use a Safe Work Australia approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Impervious latex or neoprene gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation break-through time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Slurry
Colour:	Green
Odour:	Mint
Odour Threshold:	No information available
pH-Value:	2.1-3.1
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	100 °C
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	No information available
Relative Density:	1.25
Vapour Density:	No information available
Evaporation Rate:	Similar to water.
Solubility in Water:	Completely soluble
Viscosity:	Viscous slurry.
VOC:	<1

10. STABILITY AND REACTIVITY

Possibility of Hazardous Reactions:	No dangerous reactions known under conditions of normal use.
Chemical Stability:	Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid:	Extreme temperatures
Incompatible Materials:	No information available
Hazardous Decomposition Products:	No information available

11. TOXICOLOGICAL INFORMATION

Toxicity:

LD ₅₀ /LC ₅₀ Values Relevant for Classification:		
68439-46-3 Alcohols, C9-11, ethoxylated		
Oral	LD ₅₀	1378 mg/kg (rat)
Dermal	LD ₅₀	>2000 mg/kg (rabbit)
27176-87-0 dodecylbenzenesulphonic acid		
Oral	LD ₅₀	1150 mg/kg (rat)

Acute Health Effects

Inhalation:	No adverse health effects expected.
Skin:	Causes burning and irritation of affected areas.
Eye:	Causes serious eye damage, burning and irritation.
Ingestion:	May be harmful if swallowed.
Skin Corrosion / Irritation:	Causes skin irritation.
Serious Eye Damage / Irritation:	Causes serious eye damage.
Respiratory or Skin Sensitisation:	May cause an allergic skin reaction.
Germ Cell Mutagenicity:	Based on classification principles, the classification criteria are not met.
Carcinogenicity:	Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.
Reproductive Toxicity:	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure:	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Repeated Exposure:	Based on classification principles, the classification criteria are not met.
Aspiration Hazard:	Based on classification principles, the classification criteria are not met.
Chronic Health Effects:	Repeated or prolonged exposure may cause skin irritation and serious eye damage.
Existing Conditions Aggravated by Exposure:	No information available
Additional toxicological information:	CRL Bio Clean Water Stain Remover, as delivered, does not contain respirable quartz.

12 . ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Aquatic toxicity:	No information available
Persistence and Degradability:	All organic components are readily biodegradable. Material is not persistent.
Bioaccumulative Potential:	Bioaccumulation is not expected to occur.
Mobility in Soil:	May penetrate into soil.
Other adverse effects:	No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number	Not regulated
Proper Shipping Name	Not regulated
Dangerous Goods Class	Not regulated
Packing Group:	Not regulated
Marine pollutant:	No

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
14808-60-7	Quartz (SiO ₂)
68439-46-3	Alcohols, C9-11, ethoxylated
27176-87-0	dodecylbenzenesulphonic acid
7732-18-5	Water

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not a scheduled poison.

16. OTHER INFORMATION

Date of Preparation or Last Revision: 29/7/2020

Prepared by: MSDS.COM.AU Pty Ltd
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Abbreviations and acronyms:

GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC ₅₀ :	Lethal concentration, 50 percent
LD ₅₀ :	Lethal dose, 50 percent
IARC:	International Agency for Research on Cancer
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average
NES:	National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011" The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. CR Laurence makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.