



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053

TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052

Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

**THIS PRODUCT IS NOT A HAZARDOUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA**

### SECTION 1 – IDENTIFICATION

Product Name:	DOUBLE R
Manufacture Code:	DBER
Emergency Telephone No:	(08) 9378 2022 0408 940 669 (08) 9381 5052
Email:	accounts@calmarc.com.au
Creation Date:	20 September 2019
SDS Responsibility:	Calmarc Chemical's Technical Sales (08) 9378 2022 0408 940 669
Other Information:	This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibilities for products sold are subject to our standard terms and conditions. A copy of our terms and conditions and technical information pamphlets are available upon request.

**DISCLAIMER**  
This information is based on the present level of knowledge about safety requirements not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

### SECTION 2 – HAZARDS INFORMATION/EMERGENCY OVERVIEW

<b>Globally Harmonised System</b>	
Hazard Classification	Not hazardous according to the criteria of the Globally Harmonised System of classification and labelling of Chemicals (GHS).
Hazard Category	None allocated.
<b>Physical Data</b>	<b>Product is water based.</b>

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONCENTRATION
Potassium lacto citrate		20-30% m/m
Water	7732-18-5	>60% m/m
<b>Dangerous Code Classification</b>	NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).	

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**SECTION 4 – FIRST AID MEASURES**

<b>Swallowed</b>	Rinse mouth, then drink plenty of water. Do not induce vomiting. Get medical advice/attention if a large amount is swallowed or if you feel unwell.
<b>Eye</b>	Immediately flash eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention.
<b>Skin</b>	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if respiratory symptoms persist or if you feel unwell. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult.
<b>Advice to Doctor</b>	Treat symptomatically.

**SECTION 5 – FIRE FIGHTING MEASURES**

<b>General measures</b>	If safe to do so, move undamaged containers from fire area. Cool containers that are exposed to flames with water spray until well after fire is out.
<b>Flammability</b>	Not flammable.
<b>Ventilation</b>	Always have some form of ventilation when using or storing this product.
<b>Earthing</b>	Earth the product container if there is a potential for static electricity build up.
<b>Autoignition Temperature</b>	Only ignites in the presence of a very strong ignition source and only after the water is removed.
<b>Source of Ignition</b>	Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.
<b>Extinguishing Media</b>	Use dry chemical, carbon dioxide (CO <sub>2</sub> ), foam or water spray for extinction.
<b>Special Fire Fighting Procedures</b>	Fire fighters to wear self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.



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<b>Decomposition Products</b>	Carbon monoxide, carbon dioxide. Hazardous polymerisation will not occur.
<b>Upper Explosive Limit</b>	N/A
<b>Lower Explosive Limit</b>	N/A
<b>Flash Point</b>	Not applicable – aqueous product.
<b>Protection of Firefighters</b>	Wear safety boots, non-flammable overalls, gloves, safety hat (with face shield) or firefighter helmet (preferred), goggles and self-contained breathing apparatus. All skin areas should be covered. Block all drains and water courses to inhibit any spillage into them.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal</b>	Spills should be contained and absorbed with sand, vermiculite, attapulgitite or inert material. Place the contaminated material in a plastic or metal container and dispose of it at an industrial waste site. Do not allow the product to enter drains or waterways. Small amounts can cause high turbidity.
<b>Cleaning Protection</b>	Open up the area where spill or leak has occurred to ventilate direct vapours away. Keep unauthorised personnel away. Attach earth leak cables to any containers in the spill area. Have absorbents, such as vermiculate, attapulgitite, carboard or sand on hand to control flow of the spilled mobile product. Use wet vacuum cleaner or mop to collect any small spills.

#### SECTION 7 – HANDLING AND STORAGE

<b>Protection against explosions and fires</b>	Keep containers on site away from sources of heat, sparks and earth if necessary, for static electricity. Use secure locked storage if possible and have forced or natural ventilation over worksite or storage areas.
<b>Packages</b>	The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.
<b>Storage</b>	After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. Store in a cool, dry, well-ventilated area under cover between 5°C and 30°C, out of direct sunlight. Store containers away from any heat sources, sparks. Do not store with oxidising agents or acids.

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Measures</b>	Apply in a well-ventilated area either externally or internally.
<b>Airborne Exposure Limits</b>	No airborne exposure limits have been established. A blanket limit of 10 mg/m <sup>3</sup> for dusts or mists is used in these cases.



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### PERSONAL PROTECTIVE EQUIPMENT

#### Eye/Face Protection

Wear safety glasses, goggles or preferably a face shield. In enclosed non-ventilated areas, an air line to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.

#### Skin/Body Protection

Wear vinyl, latex or PVC gloves for 8-hour day. Short-term protection (1 hour), natural rubber is suitable. Wear full coverall clothing protection with safety boots.

#### Hygiene Measure

Wash hands before meal breaks and at the end of a work period. Any contaminated clothing should be removed. Avoid inhaling any fumes on a long-term basis.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Substance	Formulation of chemicals
Physical Form	Liquid
Colour	Clear
Odour	Negligible
pH	8-9
Boiling Point	100°C at 760 mmHg
Melting Point	N/A
Flash Point	N/A
Freezing Point	0°C
Autoignition	Only ignites in the presence of a very strong ignition source and only after the water is removed.
Water Solubility	Miscible in liquid form.
Specific Gravity	1.18 g/cc
Corrosivity	N/A

### SECTION 10 – STABILITY AND REACTIVITY

#### Stability

Stable as supplied at normal (average) atmospheric temperatures.

#### Reactivity

Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.

#### Decomposition Products

Carbon monoxide, carbon dioxide. Hazardous polymerisation will not occur.

### SECTION 11 – TOXICOLOGICAL INFORMATION

None known.

### SECTION 12 – ECOLOGICAL INFORMATION

None known.



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### SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal** Allow absorbents to dry out in the open atmosphere. Contaminated product should be reprocessed by an approved organisation. Place any dried absorbent in plastic bags, seal and dispose at an approved site.

### SECTION 14 – TRANSPORT INFORMATION

Shipping Name	Double R
Other Names	Organic Salt Solution
Dangerous Goods Code	None
Subsidiary Risk	None
UN Number	None
Packaging Group	II or III
I.E.R.G. No.	None
HAZCHEM	None

### SECTION 15 – REGULATORY INFORMATION

Poisons Schedule Not scheduled.

### SECTION 16 – OTHER INFORMATION

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product.

Directions for use are on the label and brochure describing **Double R**.

**SDS NEXT REVIEW DATE** 20 September 2024

**END OF SDS FOR DOUBLE R**