

SAFETY DATA SHEET

Res-Q

Preparation Date: 25-Aug-2015

Revision Number: 2.0

Revision Date: 21-Feb-2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Res-Q
Item#: AUS54465
Recommended use Rehydration therapy for calf scours
Uses advised against Restricted to professional users

Supplier DeLaval Pty Ltd
1 Global Drive
Westmeadows, VIC 3049
Australia
Telephone 61-3-8336-7977

Emergency Telephone Number 131 126 (Poison Control Centre)

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Not Hazardous. Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

2.2. Label Elements

Precautionary statements P102 - Keep out of reach of children

Note

Signal words and pictograms are not required on labels for AgVet chemicals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Dextrose monohydrate	5996-10-1	> 60%
Sodium chloride (NaCl)	7647-14-5	1 - 10%
Sodium Bicarbonate	144-55-8	1 - 10%

4. FIRST AID MEASURES

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin contact Wash off with warm water and soap.

Inhalation Move to fresh air. Get medical attention if symptoms occur.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Effects of overexposure No information available

Indication of any immediate medical attention and special treatment needed No information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available

Specific hazards arising from the chemical None.

Protective Equipment and Precautions for Firefighters Standard procedure for fires.

Hazchem Code No Hazchem Code allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions For personal protection see section 8.

Environmental Precautions No special environmental precautions required.

Methods for cleaning up Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Safe Handling Advice Handle in accordance with good industrial hygiene and safety practice.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures below 30°C.

Incompatible products No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits	No exposure standard allocated
Biological standards	No biological limit allocated
Engineering Controls	Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection	Safety glasses with side-shields
Skin Protection	Long sleeved clothing, Boots
Hand Protection	Protective gloves
Respiratory Protection	No special protective equipment required.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White
Physical state	Powder
Odor	None
Odor Threshold	No information available
pH	No data available
Specific Gravity	No data available
Water Solubility	Soluble in water
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Boiling Point/Range	Not applicable
Melting Point/Range	No data available
Freezing Point/Range	Not applicable
Decomposition temperature	No information available
Flammability (solid, gas)	No information available
Explosion Limits	No information available
Evaporation Rate	No data available
Relative Density	No data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
Viscosity	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under recommended storage conditions.

Possibility of hazardous reactions	None under normal use
Conditions to Avoid	Exposure to air or moisture over prolonged periods. Temperatures above 30°C.
Incompatible Materials	strong oxidizing agents
Hazardous decomposition products	No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Analysis - LD50/LC50

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chloride (NaCl) 7647-14-5	= 3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Sodium Bicarbonate 144-55-8	= 4220 mg/kg (Rat)		

Potential Health Effects

Skin Corrosion/Irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Not hazardous.
Aspiration Hazard	No information available.
Information on likely routes of exposure	No known significant effects or critical hazards
Early onset symptoms related to exposure (Immediate effects)	None known
Delayed health effects from exposure	none known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium chloride (NaCl)		5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through		1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static
Sodium Bicarbonate	650: 120 h Nitzschia linearis mg/L EC50	8250 - 9000: 96 h Lepomis macrochirus mg/L LC50 static		2350: 48 h Daphnia magna mg/L EC50

Persistence and degradability No information available**Bioaccumulation/Accumulation** No information available.**Mobility** Will likely be mobile in the environment due to its water solubility.**Other adverse effects** No information available**Biodegradation** No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Can be landfilled, when in compliance with local regulations. Dispose of in accordance with local regulations.**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Not regulated

Road and Rail transport**UN-No**

Not regulated

Proper Shipping Name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
Environmental hazard	Not regulated
Special Precautions	Not regulated
Hazchem Code	No Hazchem Code allocated

IMDG/IMO

UN-No	Not regulated
Proper shipping name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
IMDG Marine Pollutant	Not regulated

IATA/ICAO

UN-No	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	No information available
Poison Schedule Number	No poison schedule number allocated
APVMA Approval Number	54465

16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
Preparation Date:	25-Aug-2015
Revision Date:	21-Feb-2017
Revision Number:	2.0
Reason for revision	Classification according to GHS.

Disclaimer

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transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of SDS