

# Material Safety Data Sheet

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Infosafe No. 1RLZT Issue Date : January 2006 ISSUED by RLA

Product Name : **RL2008**

Not classified as hazardous

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

**Product Name** RL2008  
**Product Code** RL2008  
**Product Use** Sodium Polyacrylate Gel for use in the viscosity modification of latex compounds.  
**Company Name** RLA POLYMERS PTY. LTD. (ABN 004 709 915)  
**Address** 215 COLCHESTER ROAD KILSYTH  
VIC. 3137  
**Emergency Tel.** AH (03) 9270 5700  
**Telephone Number/  
Fax** Tel: (03) 9728 1644 Fax: (03) 9728 6009  
**Other Information** This MSDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical** Liquid  
**Characterization**

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Water	7732-18-5	87-90 %		
	sodium polyacrylate	9003-47-7	9-12 %		

**Substance Formal  
Name** Sodium polyacrylate gel

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC.

## 4. FIRST AID MEASURES

**Inhalation** Keep patient calm and remove to fresh air. Seek medical attention.  
**Ingestion** Immediately rinse mouth and then drink plenty of water. Seek medical attention.  
**Skin** Wash with plenty of soap and water. Remove contaminated clothing and wash affected skin with soap and water. Contaminated clothing must be laundered before re-use  
**Eye** Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.  
**First Aid Facilities** Eye wash station, safety shower and normal washroom facilities.  
**Advice to Doctor** Treat according to symptoms.  
**Other Information** Ensure eye wash bath and safety shower are readily accessible.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards** In case of fire use water spray, carbon dioxide (CO<sub>2</sub>), foam or dry extinguishing media. No explosion hazard.  
**Protective  
Equipment** Full protective clothing and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Contain and soak up spills with absorbent material. Small spills can be flushed away with water for effluent treatment only. Clean up personnel should wear protective clothing with goggles and gloves. Place waste in labelled containers for disposal. Must be incinerated or disposed to approved landfill in accordance with local regulations.  
**Personal Protection** Wear protective clothing specified for normal operations (see Section 8)

## 7. HANDLING AND STORAGE

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**Storage** Not classified as a dangerous good for storage or transport. Keep containers tightly closed in a dry, cool and well-ventilated place. Store protected against freezing.

**Other Information** Handle in accordance with good industrial hygiene and safety practice.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye Protection** Safety glasses, goggles or faceshield as appropriate.

**Hand Protection** PVC or rubber gloves.

**Footwear** Enclosed footwear.

**Body Protection** Overalls or similar protective apparel.

**Eng. Controls** Ensure workplace is well ventilated including the use of local exhaust if natural ventilation is insufficient.

**Hygiene Measures** Wash hands after use and before eating, drinking, smoking or using toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear to opaque highly viscous liquid

**Odour** Slight acrylic odour

**Boiling Point** 100°C (water)

**Specific Gravity (H<sub>2</sub>O=1)** Typically 1.02 (20°C)

**pH Value** Typically 10.5 (20°C)

**Vapour Pressure** 2.3 kPa (water/20°C)

**Viscosity** Very high

**Volatile Component** Water

**Flash Point** not applicable

**Flammability** Not flammable under normal conditions of use.

**Ignition** not applicable

**Temperature**

**Flammable Limits** none

**LEL**

**Other Information** Solidification temperature: 0°C (water) Miscible with water in all proportions

## 10. STABILITY AND REACTIVITY

**Stability** Stable

**Hazardous Reaction** No decomposition if correctly stored and handled.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information** In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations. No LD50 data available for product.

**Inhalation** Inhalation overexposure is not expected at ambient temperatures.

**Ingestion** Ingestion can result in nausea.

**Skin** Adverse effects are not expected from a single, brief contact with this product. However, prolonged or frequently repeated skin contact with this product may result in slight irritation.

**Eye** Prolonged or repeated contact with eyes may result in irritation.

**Chronic Effects** Chronic effects are not known.

## 12. ECOLOGICAL INFORMATION

**Environ. Protection** The product can be virtually eliminated from water by abiotic processes, eg. adsorption onto activated sludge. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Do not discharge product to water courses without effluent treatment. Discharge effluent in accordance with local regulations. Ecotoxic effects: no data available

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**Mobility** Highly viscous, therefore flows slowly.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Dispose to licensed disposal contractor

**Product Disposal** Dispose of solid material or material adsorbed onto solid material to an advanced landfarming facility equipped to protect soil, air and water.

**Container Disposal** Send to drum recoverer or metal reclaimer

**Local Legislation** Comply with any local recovery or waste disposal regulations.

## 14. TRANSPORT INFORMATION

Not classified as a dangerous good for transport by road, rail, sea or air according to the Australian Dangerous Goods Code.

**U.N. Number** None Allocated

**Proper Shipping Name** None Allocated

**DG Class** None Allocated

**Hazchem Code** None Allocated

**Packing Group** None Allocated

## 15. REGULATORY INFORMATION

**Poisons Schedule** Not Scheduled

**Packaging & Labelling** Not subject to hazardous substances labelling.

## 16. OTHER INFORMATION

**Contact Person/Point** In Australia: RLA Polymers Pty. Ltd. - Group Operations Manager: 03 9728 1644 (Business Hours)  
For emergency information outside normal business hours, please ring:  
SECURITY MONITORING 13 15 18  
They will contact the relevant personnel.

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**Last Change** Date of last revision: 13/01/2006

...End Of MSDS...