AUSTRALIAN CHEMICAL REAGENTS

# SAFETY DATA SHEET

Date Prepared: July 2019
Version No: 5

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Sodium Chloride Solution 0.0141N
Product Code: 4253
Other Names: Nil
Uses: Analytical Reagent

Supplier: Australian Chemical Reagents
19 Kensal Street Moorooka Qld 4105

Contacts: Telephone: 61 07 38484828
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Emergency Phone: 61 07 38484828

## 2. HAZARDS INFORMATION

**Hazard classification:** Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients :**

| Chemical Entity | CAS No | Proportion |
|---|---|---|
| Sodium Chloride | [7647-14-5 ] | <10% |
| Water | [7732-18-5] | to 100% |

## 4. FIRST AID MEASURES

Safety showers and eye wash facilities should be provided.

**Swallowed :**
If conscious wash out mouth with water. Seek medical advice. Show this MSDS to medical practitioner.

**Eye :**
Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this MSDS to medical practitioner.

**Skin :**
Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this MSDS to medical practitioner. Launder clothing before reuse.

**Inhaled :**
Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance. Show this MSDS to a doctor.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**
Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Hazards From Combustion Products:**
Solution will not burn or support combustion.

**Precautions For Fire Fighters and Special Protective Equipment:**
Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:**
Prevent from entering waterways. Restrict access to area. Ventilate area. Remove chemicals that can react with the spilled material.

**Methods and materials for containment and clean up:**
Use inert material such as sand or earth to contain spill or leak. Neutralise with sodium bicarbonate. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**
Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.
**Conditions for Safe Storage:**
Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards:**
SWA – no specific exposure standards apply.

**Biological Limit Values:** No data available.

**Engineering Controls:**
Not required with normal use. If mists are likely to be generated maintain atmospheric concentrations well below exposure standards with extraction ventilation.

**Personal Protective Equipment (PPE):**
The use of nitrile or neoprene gloves complying with AS 2161 and the use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance :** | Clear liquid |
| **Odour:** | Nil |
| **pH:** | 7 |
| **Boiling Point ($^0$C) :** | Not applicable |
| **Freezing/melting Point:** | Not applicable |
| **Vapour Pressure (mm of Hg @ 25$^0$C) :** | Not applicable |
| **Vapour Density:** | Not applicable |
| **Specific Gravity :** | 1 |
| **Flash Point ($^0$C) :** | Not flammable |
| **Flammability Limits (%) :** | Not flammable |
| **Solubility in Water (g/L) :** | Soluble |

## 10. STABILITY AND REACTIVITY

**Chemical stability:**
Stable.
**Conditions to avoid:**
Excessive heat.
**Incompatible materials:**

**Hazardous decomposition products:**
Refer to section 5 (Fire Fighting Measures).
**Hazardous reactions:**
Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Health Effects:**

**Swallowed :** Consumption of large quantities may cause irritation of the gastric system.

**Eye :** May be irritating to eye tissue.

**Skin :** May irritate skin tissue with prolonged contact.

**Inhaled :** Not considered a hazard with normal laboratory use.

**Chronic Effects:** No data available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**
No data available.
**Persistence and degradability:**
No data available.
**Mobility:**
No data available.

## 13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** Not applicable
**UN Proper Shipping Name:** Not applicable
**Class and subsidiary risk(s):** Not applicable
**Packing Group**: Not applicable
**Hazchem Code:** Not applicable
**Special precautions for user** : Nil

## 15. REGULATORY INFORMATION

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):**
Nil

## 16. OTHER INFORMATION

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