

### Zodiac Group Australia Pty Ltd

Phone: 1800 688 552 Fax: 1300 781 688 Address: 219 Woodpark Road Smithfield NSW 2164 Web: www.zodiac.com.au

## **Material Safety Data Sheet**

Non-Hazardous Substance, Non-Dangerous Goods

### **1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

Product name: SPA PIPE CLEANER

Product No: 4583

Other Names:

**Recommended use:** Removes organic contaminants from pipes

| Supplier:<br>ABN:<br>Street Address: | Zodiac Group A<br>87 002 641 965<br>219 Woodpark<br>Smithfield NSW<br>Australia | Rd,                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Telephone:<br>Facsimile:             | +612 87866800<br>+612 13007816                                                  |                                                                     |
| Emergency teleph                     | one number:                                                                     | If poisoning occurs, contact a doctor or Poisons Information Centre |

(Phone Australia 131 126, New Zealand 0800 764 766).

#### 2. HAZARDS IDENTIFICATION

## Non hazardous according to the criteria of NOHSC

R36/38 Irritating to eyes and skin

- **S36/37/39** Wear suitable protective clothing, gloves and eye/face protection
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible)

### **Poisons Schedule :**

| 3. COMPOSITION INFORMATION     |            |             |  |
|--------------------------------|------------|-------------|--|
| Ingredients:                   | CAS No:    | Proportion: |  |
| Quaternary Ammonium Chloride   | 61789-71-7 | <10%        |  |
| Water                          | 7732-18-5  | > 90%       |  |
| Colour                         | n/a        | < 1%        |  |
| Product name: Spa Pipe Cleaner |            |             |  |



## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre on 131 126 or a doctor.

| Swallowed:        | Do NOT induce vomiting. Give a glass of water to drink. Seek Medical Advice                 |
|-------------------|---------------------------------------------------------------------------------------------|
| Eyes:             | Hold eye open and flush with running water for 15 minutes. If necesary seek Medical Advice. |
| Skin:             | Wash thoroughly in water. Remove contaminated clothing and launder before reuse.            |
| Inhaled:          | Remove victim to fresh air. If victim does not respond immediately seek<br>Medical Advice   |
| Advice to doctor: | Treat symptomatically                                                                       |

## 5. FIRE-FIGHTING MEASURES

**Extinguishers:** Product is not flammable so will not produce any products of combustion.

Combustion Products: No special requirements are needed

**Fire PPE:** Prevent spillage from spreading by damming with an inert material such as sand or soil. If necessary, notify Emergency Services.

Hazchem Code: n/a

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedure:** Wear appropriate protective clothing at all times

Spills and Disposal: Zodiac SPA PIPE CLEANER

## 7. HANDLING AND STORAGE

Storage and Transport: No special requirements

Safe Handling: none



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None established

Engineering Controls: No special ventilation required.

Personal Protection: Wear safety glasses and PVC or rubber gloves while handling

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance:<br>Odour:<br>pH:<br>Vapour Pressure:<br>Vapour Density:<br>Boiling Range:<br>Melting Point:<br>Solubility:<br>Specific Gravity:<br>Flash Point:<br>Flammability Limits: | Clear blue liquid<br>Unknown<br>6 - 8 (5%)<br>Unknown<br>Less than 0 deg C<br>100 deg C<br>n/a<br>100% % in Less than 200 cSt<br>1.000<br>n/a deg C water<br>n/a | Product is not Flammable |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Autoignition Temperature:<br>Volatile Component:<br>Viscosity:                                                                                                                      | %                                                                                                                                                                |                          |
|                                                                                                                                                                                     | <b>—</b>                                                                                                                                                         |                          |

**Other Properties:** 

This product is expected to be completely chemically stable

| 10. STABILITY AND REACTIVITY      |                                                                                                           |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Chemical Stability:               | Avoid very cold (less than 0 deg C) or very hot conditions (over 80 deg C).                               |
| Conditions to avoid:              | No information available                                                                                  |
| Incompatible Materials:           | None                                                                                                      |
| Hazardous decomposition products: | None                                                                                                      |
| Hazardous reactions:              | Avoid contaminating waterways as the product is expected to have a serious effect on waterborne organisms |

#### 11. TOXICOLOGICAL INFORMATION

#### Acute Effects

Swallowed: May be harmful if swallowed. May cause gastric irritation. May result in nausea, vomiting and diarrhoea



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| Eye:                 | May cause mild short term irritation                                                                          |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Skin:                | May cause irritation in some individuals. Repeated or prolonged contact may cause irritant contact dermatitis |
| Inhalation:          | Not an irritant due to low vapour pressure                                                                    |
| Chronic (long term): | x                                                                                                             |
| Toxicological Data:  | Xi: Irritant                                                                                                  |

### **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Containers should be thoroughly rinsed before disposal to land fill or recycling. In addition labels should be defaced to indicate that container has been cleaned.

#### 13. DISPOSAL CONSIDERATIONS

Disposal of Containers: n/a

#### **14. TRANSPORT INFORMATION**

UN No: N/Reg UN Name: D. G. Class: n/a Sub Risk: n/a Pack. Grp: n/a Hazchem Code: n/a

n/a = not applicable (not a dangerous goods according to ADG Code)

## 15. REGULATORY INFORMATION

## Non hazardous according to the criteria of NOHSC

#### Hazard Category:

| R36/38 | Irritating to eyes and skin |
|--------|-----------------------------|
|--------|-----------------------------|

- **S36/37/39** Wear suitable protective clothing, gloves and eye/face protection
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible)

#### Poisons Schedule :

This material, or its ingredients, are listed on the Australian Inventory of Chemical Substances (AICS)



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## **16. OTHER INFORMATION**

#### Abbreviations:

| ARDG  | Australian Guidelines for Transport of Dangerous Goods by Road and Rail                                                                                                                                                                                                                                      |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOHSC | National Occupational Health and Safety Commission                                                                                                                                                                                                                                                           |
| n/a   | Not Applicable                                                                                                                                                                                                                                                                                               |
| TWA   | Time weighted average of airborne concentration over an eight-hour working day, for a 5 day working week over an entire life                                                                                                                                                                                 |
| STEL  | Short Term Exposure Limit - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers |

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process

In emergency dial 0000 Police or Fire Brigade. Specialist advice in an emergency only dial 1800 033 111 all hours Australia wide