

**MSDS – Material Safety Data Sheet**

**LAST REVISED:** 05.12  
**MSDS NO.:** ACAA 3

**AQUA – RIGHT 7**

**1. IDENTIFICATION OF THE SUBSTANCE**

**Product Identification:** Brown Liquid  
**Use:** Spray tank water quality rectifier.  
**UN No:** Not regulated

**Supplier:** Ag-Chem Africa (Pty) Ltd.  
288 Mundt Street  
Waltloo  
012 - 803 0145

**Emergency number:** 012 - 803 0145

**Poison Centre:** Griffon Poison Information Centre  
(24 Hour Poisoning Emergency Helpline)  
082 446 8946

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Composition:** Buffering system  
Sequestering system  
Humectants  
Wetters

Total Active Ingredients = 510 g/l

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

- Causes eye burns and irritation
- Harmful if swallowed or inhaled
- Causes irritation to skin and respiratory tract

#### Potential Health Effects

##### **Inhalation:**

Causes irritation to the mucous membranes of the respiratory tract. May be absorbed from the mucous membranes and depending on the amount of exposure could result in the development of nausea, vomiting, diarrhoea and gastric distress.

##### **Ingestion:**

Symptoms parallel absorption via inhalation.

##### **Skin Contact:**

Causes skin irritation. Not significantly absorbed through the intact skin. Readily absorbed through damaged or burned skin.

##### **Eye Contact:**

Causes irritation, redness and pain.

##### **Chronic Exposure:**

No information found.

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### 4. FIRST AID MEASURES

##### **Inhalation:**

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Do NOT give mouth-to-mouth resuscitation if victim ingested or inhaled the substance. Keep person at rest and warm. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

##### **Ingestion:**

Have victim rinse mouth thoroughly with water. Give water to dilute the material if victim is alert and not convulsing. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits, rinse mouth and administer more water. Never give anything by mouth to an unconscious person. Qualified medical personnel should perform administration of oxygen. Seek medical advice immediately.

##### **Skin Contact:**

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use. Do NOT rub skin hard.

##### **Eye Contact:**

Immediately flush eyes with lukewarm water or saline solution for at least 15 minutes, lifting lower and upper eyelids occasionally. Check for and remove contact lenses after 5 minutes. Get medical attention immediately.

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## 5. FIRE FIGHTING MEASURES

### **Fire:**

Not considered to be a fire hazard. Fire may produce toxic fumes. Some could burn, but none ignite readily. Containers could explode when heated.

### **Fire Extinguishing Media:**

Extinguish small fires with carbon dioxide, dry powder or alcohol-resistant foam. Water spray or fog can be used for larger fires or cooling of unaffected stock.

### **Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Fire may produce irritating or poisonous vapours, mists or other products of combustion.

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## 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

### **Small Spills:**

Absorb with sand or other non-combustible absorbent material and put in a suitable container for reclamation or disposal.

### **Large Spills:**

Dyke far ahead of liquid spills for later disposal. Prevent entry of the substance into waterways, sewers, basements or confined areas.

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## 7. HANDLING AND STORAGE

### **Handling:**

Keep out of reach of children, uninformed persons and animals. Observe all warnings and precautions listed for the product.

### **Storage:**

Keep in tightly closed container in a shaded, well-ventilated area, away from heat, sparks and other sources of ignition. Protect against physical damage.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Ventilation system:**

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

### **Skin Protection:**

Wear suitable personal protective equipment including overalls, rubber boots and gloves.

### **Eye Protection:**

Use chemical safety goggles and/or full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown Liquid
<b>Odour:</b>	Pungent Odour
<b>Solubility:</b>	Soluble in water
<b>Density:</b>	1.24
<b>pH:</b>	6.8 – 7.0
<b>Boiling Point:</b>	> 100 °C

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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Polymerisation:</b>	Will not occur
<b>Conditions to avoid:</b>	No information found
<b>Incompatibilities:</b>	Do not mix physically mix concentrate directly with other herbicides or pesticides concentrate; always dilute first. Incompatible with strong oxidizers.
<b>Thermal Decomposition:</b>	Toxic fumes are released when the product decomposes on heating.

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## 11. TOXICOLOGICAL INFORMATION

Oral LD<sub>50</sub> (rat) = 12 335 mg/kg  
Dermal LD<sub>50</sub> (rabbit) = > 10 000 mg/kg

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## 12. ECOLOGICAL INFORMATION

<b>Environmental Fate:</b>	No information found
<b>Environmental Toxicity:</b>	No information found

This section is subject to further development.

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## 13. DISPOSAL CONSIDERATIONS

Contaminated absorbents, surplus product (in diluted form), etc., should be buried in approved landfill. Comply with any local legislation applying to waste disposal. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with local requirements.

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## 14. TRANSPORT INFORMATION

<b>UN No.:</b>	Not regulated
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## 15. REGULATORY INFORMATION

<b>EC Classification:</b>	Harmful and Irritant
<b>Risk – Phrase:</b>	R36/38 – Irritating to eyes and skin. R20/22 – Harmful by inhalation and if swallowed
<b>Safety – Phrase:</b>	S25 – Avoid contact with eyes. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. S62 – If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
<b>National legislation:</b>	National Road Traffic Act, 1996 (Act 93 of 1996). Fire Brigade Service Act, 1987 (Act 99 of 1987). Occupational Health and Safety Act, 1993 (Act 85 of 1993).

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## 16. OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with this product. If the recipient subsequently produces formulation(s) containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

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