



# SAFETY DATA SHEET

WUXAL LIQUID

Date of Issue: 9 May 2017

## 1. IDENTIFICATION

**Product Identifier:** **WUXAL LIQUID**

**Other Means of Identification:** None

**Recommended Use of the Chemical and Restrictions on Use:** **Fertilizer**

**Details of Manufacturer or Importer:** Importer : AgNova Technologies Pty Ltd  
Suite 3/935 Station Street  
Box Hill North Vic 3129  
Australia  
(03) 9899 8100  
[www.agnova.com.au](http://www.agnova.com.au)

**Emergency Phone Number:** 1800 033 111 (24 hrs)

## 2. HAZARD(S) IDENTIFICATION

**GHS Classification:** Not classified as hazardous according to GHS

**ADG Classification:** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail 7<sup>th</sup> Edition (see section 14)

**SUSMP Classification:** Not a scheduled poison  
(Standard for Uniform Scheduling of Medicines and Poisons)

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	HCIS Classification	Concentration (wt %):
Ammonium nitrate	6484-52-2	Eye irrit. 2A	3<5

## 4. FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone 13 11 26), and follow the advice given. Show this Safety Data Sheet to a doctor.**



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### Description of Necessary First Aid Measures:

<b>Ingestion:</b>	Rinse mouth thoroughly with water.
<b>Inhalation:</b>	Move victim to fresh air.
<b>Skin contact:</b>	Wash with plenty of water and soap.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation, consult an ophthalmologist.
<b>First Aid Facilities:</b>	Provide washing facilities in the workplace.
<b>Symptoms Caused by Exposure:</b>	No known symptoms to date.
<b>Medical Attention and Special Treatment:</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Equipment:</b>	Water spray jet, water mist, carbon dioxide, powder. Strong water jet must not be used for safety reasons. The product itself does not burn.
<b>Specific Hazards Arising from the Chemical:</b>	Hazardous combustion products: nitrogen oxides, ammonia, phosphorus oxides
<b>Special Protective Equipment and Precautions for Fire Fighters:</b>	Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Provide adequate ventilation. Personal protection equipment: refer to section 8.
<b>Environmental Precautions:</b>	Do not allow to enter into surface water or drains.
<b>Methods and Materials for Containment and Cleaning Up:</b>	Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

**7. HANDLING AND STORAGE**

<b>Precautions for Safe Handling:</b>	<p><u>Advice on safe handling:</u> Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Follow the legal protection and safety regulations.</p> <p><u>Precautions against fire and explosion:</u> No special measures are necessary.</p>
<b>Conditions for Safe Storage, including any Incompatibilities:</b>	<p><u>Requirements for storage rooms and vessels:</u> Protect from heat and direct sunlight. Keep container tightly closed. Always keep in containers that correspond to the material of the original container.</p> <p><u>Hints on joint storage:</u> Do not store together with: Food and feeding stuffs.</p> <p><u>Further information on storage conditions:</u> Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 40 °C.</p>

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>Exposure Standards:</b>	<p><u>DNEL:</u> Ammonium nitrate:      Dermal; Long term; Systemic; Workers: 21.3 mg/kg Inhalation; Long term; Systemic; Workers: 37.6 mg/m<sup>3</sup></p>
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**PNEC:**

Ammonium nitrate:      aquatic, freshwater: 0.45 mg/L  
    aquatic, marine water: 0.045 mg/L  
    aquatic, intermittent release: 4.5 mg/L  
    sewage treatment plant (STP): 18 mg/L

**Biological Monitoring:**      No data available.

**Control Banding:**      No data available.

**Engineering Controls:**      None specified

**Individual Protection Measures, for example, Personal Protective Equipment (PPE):**

*Eye protection:* Wear closely fitting protective glasses in case of splashes.

*Hand protection:* For prolonged or repeated handling the following glove material must be used: e.g. NBR (Nitrile rubber).  
 Thickness of the glove material: No data available. Breakthrough time (maximum wearing time): No data available.  
 Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer.  
 Penetration time of glove material depending on intensity and duration of exposure to skin.

*Respiratory protection:* Usually no personal respiratory protection is necessary.

*Thermal hazards:* No data available.

*Additional protective measures:* After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls:**      Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance:**      Green liquid  
**Odour:**      Characteristic  
**pH (20°C):**      5.5  
**Vapour Pressure:**      Not applicable  
**Boiling Point:**      Not determined  
**Solubility:**      Very soluble in water  
**Density (20°C):**      1.24 g/cm<sup>3</sup>  
**Flash Point:**      Not applicable  
**Auto-Ignition**      Not available

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**Temperature:**  
**Explosion Limits:** Not applicable  
**Viscosity (20°C):** Not determined

**10. STABILITY AND REACTIVITY**

**Reactivity:** Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**Chemical Stability:** Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**Possibility of Hazardous Reactions:** No hazardous reactions when handled and stored according to provisions.

**Conditions to Avoid:** Protect from heat and direct sunlight.

**Incompatible Materials:** Alkali (lye)

**Hazardous Decomposition Products:** Does not decompose when used for intended uses. Hazardous decomposition byproducts may form with exposure to high temperatures: nitrogen oxides, ammonia, phosphorus oxides.

**11. TOXICOLOGICAL INFORMATION**

Data on the toxicological properties of the product itself are not available.

**Acute Toxicity:** Toxicological data are not available.

**Skin Corrosion/Irritation:** Toxicological data are not available.

**Serious Eye Damage/Irritation:** Ammonium nitrate  
Eyes, Rabbit.: evaluation Causes serious eye irritation.  
Method: OECD 405

**Respiratory or Skin Sensitisation:** Toxicological data are not available.

**Germ Cell** The ingredients in this mixture do not meet the criteria for



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**Mutagenicity:** classification as CMR category 1A or 1B according to Regulation (EC) No. 1272/2008 [CLP].

**Carcinogenicity :** The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to Regulation (EC) No. 1272/2008 [CLP].

**Reproductive Toxicity:** The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to Regulation (EC) No. 1272/2008 [CLP].

**Specific Target Organ Toxicity (STOT) – single exposure:** Toxicological data are not available.

**Specific Target Organ Toxicity (STOT) – repeated exposure:** Toxicological data are not available.

**Aspiration Hazard:** Toxicological data are not available.

### Information on Likely Routes of Exposure:

See section 4

### Delayed and immediate effects as well as chronic effects from short and long-term exposure:

See above and section 4

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.



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**Other Adverse Effects:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Containers and Methods:**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according local requirements.

Dispose of contents/container in accordance with local/regional/national/international regulations.

### 14. TRANSPORT INFORMATION

**Not a dangerous good when transported by land, sea or air.**

**Not classified as a Dangerous Good** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail 7<sup>th</sup> Edition

**UN Number:** Not applicable

**Proper Shipping Name or Technical Name:** Not applicable

**Transport Hazard Class:** Not applicable

**Packing Group:** Not applicable

**Environmental Hazards for Transport Purposes:** Not applicable

**Special Precautions for User:** Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. For advice on safe handling: see sections 6 - 8

**Additional Information:** Not applicable

**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**APVMA** Registration not required



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SUSMP

Not scheduled

### 16. OTHER INFORMATION

**Abbreviations and Acronyms:** APVMA – Australian Pesticides and Veterinary Medicines Authority  
CLP – Classification, Labelling and Packaging  
CMR – Carcinogenic, Mutagenic and Reprotoxic  
DNEL – Derived No Effect Level  
GHS – Globally Harmonized System of Classification and Labelling of Chemicals  
NOHSC – National Occupational Health and Safety Commission  
PNEC – Predicted No Effect Concentration  
SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons

**Date of Preparation or Revision:** May 2017.

**Reason for Revision:** To comply with WHS regulations.

**Data Sources:** Manufacturer product safety data and published data

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

The opinions expressed herein are those of qualified experts with the manufacturer. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of AgNova Technologies Pty Ltd, it is the user's obligation to determine the conditions of safe use of the product.

END OF SDS