

# MATERIAL SAFETY DATA SHEET

DATE OF ISSUE: 16/06/2014

PREPARED BY: LL, JF rev

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>PRODUCT NAME:</b> UMX LIQUID	<b>OTHER NAMES</b> No other names	<b>APVMA REGISTRATION NUMBER:</b> Not Allocated
<b>USE:</b> Plant Nutrient, Soil Conditioner	<b>AUSTRALIAN DISTRIBUTOR:</b> Barmac Pty Ltd, a division of Amgrow Pty Ltd. PO Box 6390 Silverwater NSW 1811 Phone: (02) 9395 1200 Fax: (02) 9395 1241	<b>EMERGENCY PHONE NUMBERS (Australia):</b> Fire Brigade, Ambulance and Police Services: 000 Poisonings: 131 126 POISON INFORMATION CENTRE
<b>FORM:</b> Granular Formulation.		

## 2. HAZARD IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA.**

**NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE ADG CODE.**

**RISK PHRASES:** Not Applicable.

**HAZCHEM CODE:** None Allocated.

**SAFETY PHRASES:** S2. Keep Out of Reach of Children

**UN NUMBER:** Not Allocated, not a Dangerous Good

### POTENTIAL HEALTH EFFECTS

**INGESTION:** Small quantities not harmful.

**EYES:** Dust causes mild eye irritation, similar to soap.

**SKIN:** Mild irritant.

**INHALED:** Mild irritant.

## 3. COMPOSITION INFORMATION ON INGREDIENTS

<b>CHEMICAL IDENTITY:</b>  Humic Acid Fulvic Acid	<b>PROPORTION:</b>  100%	<b>CAS NO:</b>  1415-93-6 479-66-3
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## 4. FIRST AID MEASURES

**SWALLOWED:** Immediately rinse mouth with water. Seek medical advice

**SKIN:** Remove contaminated clothing and flush with running water. Seek medical advice.

**EYES:** Hold eyelids apart and flush continuously with running water for at least 15 minutes. Seek medical advice.

**INHALED:** Remove patient from contaminated area. Contact a doctor if symptoms persist.

**FIRST AID FACILITIES:** Provide eye wash and shower facilities in workplace.

## 5. FIRE-FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b> As per surrounding burning media.	<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b> Not Flammable.
<b>FLAMMABILITY:</b> Not Flammable.	<b>HAZCHEM CODE:</b> Not Allocated.

**PRECAUTIONS FOR FIREFIGHTERS:** Wear self contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

In case of spills it is important to take all steps necessary to avoid eye and skin contact. Keep all bystanders away. Wear full-length clothing and PVC gloves. Reposition any leaking containers so as to minimise further leakage. Dam and absorb spill with an absorbent material (e.g. sand or soil). Shovel the absorbed spill into drums and top with hydrated lime. Disposal of the absorbent material will depend on the extent of the spill. For quantities up to 50L of product bury in a secure land fill site. For quantities greater than 50L seek advice from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.

## 7. HANDLING AND STORAGE

**HANDLING:** Before use, read product label. Use safe work practices. Avoid eye and skin contact and mist inhalation. Observe good personal hygiene, including washing hands before eating.

**STORAGE:** Fertilisers should be stored in a cool, dry covered and well-ventilated area. Store away from pesticides and foodstuffs. Bulk fertilisers should be stored in bays or piles physically apart from other chemicals. Impervious flooring is recommended. Fertiliser may set in storage posing a risk of engulfment when being removed from stockpile.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>SKIN PROTECTION:</b> Wear ankle length and long sleeved clothing. PVC gloves are also recommended.	<b>RESPIRATOR TYPE:</b> Wear dust nuisance is high and ventilation is inadequate, use a filtered respirator, either full face piece or half mask and goggles.
<b>HYGIENE RECOMMENDATIONS:</b> After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water.	<b>EYE PROTECTION:</b> Protective glasses or goggles should be worn when this product is being used.
<b>EXPOSURE LIMITS:</b> Not set	<b>VENTILATION:</b> Must be available when using this product, particularly without a respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b> Dark brown liquid	<b>pH:</b> 10-11	<b>SPECIFIC GRAVITY (20°C):</b> 1.2	<b>AUTOIGNITION TEMPERATURE:</b> No data
<b>FLASH POINT:</b> Not flammable	<b>VAPOUR DENSITY:</b> No data	<b>VAPOR PRESSURE (25°C):</b> No data.	<b>SOLUBILITY:</b> Soluble

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable if stored in original container under normal ambient conditions.

**INCOMPATIBILITY/ CONDITIONS TO AVOID:** Avoid heat

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not applicable

## 11. TOXICOLOGICAL INFORMATION

LD50 (Ingestion): 6600 mg/kg (rat)      LDLo (Ingestion): 750 mg/kg (woman)  
LDLo (Subcutaneous): 3000 mg/kg (guinea pig)      TDLo (Ingestion): 750 mg/kg (woman)

## 12. ECOLOGICAL INFORMATION

No ecological hazards expected

## 13. DISPOSAL

**WASTE DISPOSAL METHOD:** Dispose in accordance to State/Local legislation. May be suitable for landfill

## 14. TRANSPORT INFORMATION

**ADG:** Not classified as a dangerous good for transport by road or rail  
**IMDG/IATA:** Not classified as a dangerous good for transport by sea or air

## 15. REGULATORY INFORMATION

**POISONS SCHEDULE:** None Allocated.

**HAZARD CATEGORY:** Exempt

## 16. OTHER INFORMATION

**This MSDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>ASCC</b>	Australian Safety & Compensation Council
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Authority
<b>IMDG</b>	International Maritime Dangerous Good
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>SWA</b>	Safe Work Australia (formerly ASCC and NOHSC)
<b>UN Number</b>	United Nations Number

*THIS MSDS 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 MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.*

Please read all labels carefully before using product.

This MSDS is prepared in accord with the SWA document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]

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