

Material Safety Data Sheet

COMPANY DETAILS: RURAL LIQUID FERTILISERS PTY LTD

MANUFACTURERS NAME & ADDRESS:
Rural Liquid Fertilisers Pty Ltd
5 Old Aberdeen Place
WEST PERTH WA 6005

DATE OF ISSUE:
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PRODUCT: UNICHEM BIG ACRE ZM

IDENTIFICATION

OTHER NAME:

Agricultural trace element suspension

USE:

Supplying trace elements to crops and soil

DANGEROUS GOODS INFORMATION

DESCRIPTION: Non Hazardous under normal conditions of use and storage

U.N. NO: Not applicable **CLASS:** Not applicable **HAZCHEM CODE:** Not applicable

EMERGENCY PROCEDURE GUIDE: Not allocated **POISONS SCHEDULE:** Not allocated

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE:	White liquid	ODOUR:	Odourless
SOLUBILITY IN WATER:	Not Soluble	BOILING POINT:	>100 C
pH:	8.0 – 9.0	MELTING POINT:	N/A
FLASH POINT:	N/A	SPECIFIC GRAVITY:	1.65
FLAMMABILITY LIMITS:	Not flammable	VAPOUR PRESSURE:	Not available

INGREDIENTS

CHEMICAL ENTITY	CAS. NO.	PROPORTION
Zinc Oxide	1314-13-2	44.0%
Manganese Carbonate	598-62-9	58.2%
Water and suspending medium		Balance

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

ACUTE

INGESTION:

Considered harmful if swallowed. Liable to cause vomiting, diarrhoea, nausea, gastric pain and cramps, irritation to throat and mouth.

EYE:

An irritant to eyes

INHALED:

Nil

SKIN:

Mildly irritating to skin

CHRONIC:

No data available

FIRST AID

SKIN:

Wash affected area with plenty of water.

EYES:

Hold eye open and flush with water for 15 minutes and seek medical advice.

INHALED:

Nil.

INGESTION:

Immediately give water or milk and seek medical advice. Induce vomiting ONLY IF CONSCIOUS. Keep warm.

FIRST AID FACILITIES:

Standard first aid facilities.

ADVICE FOR DOCTOR:

No special treatment is indicated. Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARD:

This has not been established.

ENGINEERING CONTROL:

Ensure adequate ventilation during use. Keep containers closed when not in use.

PERSONAL PROTECTION:

Protective goggles, rubber or PVC gloves, overalls and footwear.

FLAMMABILITY:

Not applicable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

STORAGE AND TRANSPORT:

Not classified as a dangerous good. Store away from combustible materials, oxidising agents, fungicides, herbicides. Store in well sealed containers in a cool, dry place.

HANDLING:

Goggles, gloves and overalls are recommended when handling.

SPILLS AND DISPOSAL

SPILLS:

Small spills may be mopped up or washed away with water. Wash other spills with plenty of water or soak up with earth or absorbent material. Clean up personnel should wear protective overall, footwear, goggles and gloves.

DISPOSAL:

Rinse empty drums with water and add to spray tank. Dispose of drum and collected waste material in accordance with local regulations.

FIRE/EXPLOSION HAZARD

SPECIAL PROTECTION PROCEDURES: In smoke or fumes, self contained breathing apparatus should be worn.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This is a non flammable material. Some gases such as Copper Oxide may be released.

EXTINGUISHING MEDIA: Suitable for most extinguishing media.

OTHER INFORMATION

1. Avoid contact with strong oxidising agents and bases.
2. Avoid contact with metals – is corrosive to most.
3. Available data indicates this is not a dangerous product.
4. Standard precautions should be employed when using fertiliser products.

CONTACT

EMERGENCY TELEPHONE NUMBER: 1800 800 449

POISONS INFORMATION CENTRE: 13 11 26

This data and the health, safety and environmental information it contains is considered to be accurate as at the specified date of issue. We have reviewed any information contained herein which we received from sources outside Rural Liquid Fertilisers Pty Ltd, however, no warranty or recommendation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Rural Liquid Fertilisers Pty Ltd shall not be responsible for any damage or injury resulting from any abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.