

MSDS – Material Safety Data Sheet

LAST REVISED: 06.12

XSEED SD

1. IDENTIFICATION OF THE SUBSTANCE

Product identification: Green suspension
Use: Agriculture
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:	Zinc	(Zn)	270 g/l
	Phosphorus	(P)	85 g/l
	Manganese	(Mn)	51 g/l
	Copper	(Cu)	20 g/l
	Nitrogen	(N)	3 g/l
	Molybdenum	(Mo)	5 g/l

3. HAZARDS IDENTIFICATION

Emergency Overview

- May cause eye and skin irritation.
- Irritating to the respiratory tract.

Potential Health Effects

Inhalation:

May irritate the respiratory tract if inhaled.

Ingestion:

May be harmful if swallowed.

Skin Contact:

May cause skin irritation.

Eye Contact:

May cause eye irritation.

4. FIRST AID MEASURES

Inhalation:

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

Ingestion:

Have affected person rinse their mouth thoroughly with water. Give water to dilute the material if victim is alert and not convulsing. Do not induce vomiting unless instructed to do so by qualified medical personnel. If spontaneous vomiting occurs, have affected person lean forward with head down to avoid breathing in of vomits, rinse their mouth and administer more water. Never give anything by mouth to an unconscious person. Seek medical advice if symptoms arise or persist, especially if abdominal discomfort occurs.

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 or any other symptoms develop or persist. Wash clothing before re-use.

Eye Contact:

Immediately flush eyes with clean water for at least 20 minutes, lifting lower and upper eyelids occasionally. Check for and remove contact lenses after the first 5 minutes. Get medical attention if irritation or any other symptoms (including pain or discomfort) develop or persist.

5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard. Product could burn, but not readily ignite. 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 appropriate 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.

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. Treat the area as for Small Spills (see above).

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 container tightly closed in a shaded, well-ventilated area, away from heat, sparks and other sources of ignition. Protect against physical damage. Do not transfer product to another container.

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 or dilution ventilation is not possible, a local exhaust system should be considered.

Skin Protection:

Wear suitable personal protective equipment including coveralls, 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green suspension
Density: 1.53 g/ml

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.
Conditions to avoid: No information found.
Incompatibilities: Strong oxidizing agents.
Thermal decomposition: Harmful or irritating fumes may be generated if the product is heated to decomposition.

11. TOXICOLOGICAL INFORMATION

No information found.

12. ECOLOGICAL INFORMATION

Environmental Fate: No information found.
Environmental Toxicity: No information found.

General notes:
Do not allow material to be released to the environment. Do not empty into drains.

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. Dispose of container and unused contents in accordance with local requirements.

14. TRANSPORT INFORMATION

UN Number: Not regulated

15. REGULATORY INFORMATION

EC Classification:	No information found.
Risk-Phrase(s):	R20 – Harmful by inhalation R36/38 – Irritating to eyes and skin.
Safety-Phrase(s):	S1/2 – Keep locked up and out of reach of children. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection
National legislation:	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).

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.

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