

MATERIAL SAFETY DATA SHEET

Nutri-Key Calcium Shuttle

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product NameNutri-Key Calcium Shuttle
Chemical NameNot applicable.
Other Name/sNot applicable.
Supplier.....Zylem CC
P.O. Box 13736, Cascades, 3202
South Africa
Telephone Number.....+27 (33) 3472893
E-mailadmin@zylemsa.co.za
Websitewww.zylemsa.co.za
Emergency telephone no.....+27 83 264 6816

Emergency Contact

Police.....10111
For emergency response.....1022
Poison Information Centre.....0800 333 444

Recommended Use.....Fertiliser

2. HAZARDS IDENTIFICATION

Hazard Classification.....Non- Hazardous

Classified as a non-hazardous substance according to the
Criteria of NOHSC.
Not classified as a dangerous good according to the
SUSMP (Standard for the Uniform Scheduling of Medicines
And Poisons).

Risk Phrase (s)None

Safety Phrase (s).....None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Proprietary mix of non-hazardous fertiliser ingredients – 100%

4. FIRST AID MEASURES

Eye Contact.....In case of contact with eyes, rinse immediately with plenty

	Of water for at least 15 minutes and contact a physician if irritation occurs.
Inhalation	Remove to fresh air. Get medical attention if irritation Occurs or breathing difficulty develops.
Ingestion	Rinse mouth with water and consult a physician.
Skin Contact	Wash with water. If symptoms such as redness or irritation Occur, consult a physician.
Recommended First Aid Facilities	Due to the nature of this product there are no specific first Aid facilities required.
Advice to Physician	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability	Non-flammable and non-combustible. Fire fighters Recommended to wear SCBA in confined spaces in Oxygen deficient atmospheres or exposed to products of Decomposition.
Extinguishing Media	Use extinguishing media suitable for surrounding fire Situations.
Hazchem Code	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	This product is not a Dangerous Good and is non-Hazardous, there are no specifically required emergency procedures.
Methods and Material for Containment and clean up	Wear protective clothing when cleaning up major spills, do Not contaminate streams or waterways. Wipe up with inert Materials and place in labelled containers for waste Disposal. Dispose of in compliance with local, state and Federal regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Product is non-toxic and non-hazardous, However avoid Contact with eyes and prolonged contact with skin. Prohibit eating, drinking and smoking in contaminated Areas.
Storage	Store in a cool, dry area in a sealed container. Do not Store in prolonged sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	None established .
Biological Limit Values	None established.
Engineering Controls	No special requirements
Personal Protective Equipment	No special requirements however individuals may wish to Wear safety glasses and suitable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Thick dark brown liquid.
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Odour.....Slight odour.
pH.....Approx. 6.5 – 7.5
Vapour Pressure.....No data available.
Vapour Density.....No data available.
Boiling Point.....No data available.
Solubility in Water.....Fully miscible.
Specific Gravity.....Approx. 1.33
Flammability.....Not flammable.

10. STABILITY AND REACTIVITY

Chemical StabilityProduct is stable under ambient conditions.
Conditions to Avoid.....Avoid extreme heat, flames and ignition sources.
Incompatible Materials.....No information available.
Hazardous Decomposition Products.....None known.
Hazardous Reactions.....Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

Oral ToxicityProduct is considered non-toxic and non harmful. No LD Data available.
Range of effects:
Eye.....Product is not classified as an irritant, however may cause Irritation after prolonged exposure.
Skin.....Product is not an irritant, wash with water.
Inhalation.....If heated, vapour or mist may cause slight irritation.
Ingestion.....Product is considered non-toxic and non-harmful, however If large quantities are ingested, seek medical advice.

12. ECOLOGICAL INFORMATION

Ecotoxicity..... Not available.
Persistence and degradability.....Not available.
Mobility.....Not available.
Further information on ecology.....Not available.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers

Product.....When possible, product should be used for its intended Purpose including the rinsing of the container. Dispose of In accordance with all local, state and national regulations. Do not discard into drains or waterways.

Container.....Triple or preferably pressure rinse containers before Disposal. Recycle containers if possible (replace cap and Return cleaned container to recyclers or collection point). If Not recycling, break, crush or puncture and bury empty Container in local authority landfill. If no landfill is Available, bury the containers below 500 mm in a disposal Pet specifically marked and set up for this purpose clear Of water ways, desirable vegetation and tree roots. Empty Containers and product should not be burned.

14. TRANSPORT INFORMATION

UN Number.....Not Applicable
UN Proper Shipping Name.....Not Applicable.
Class and Subsidiary Risk.....Not Applicable
Packing Group.....Not Applicable.
Special Precautions for User.....Not Applicable.
Hazchem Code.....Not Applicable.

15. REGULATORY INFORMATION

Not Applicable.

16. OTHER INFORMATION

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

Acronyms

CAS number.....Chemical Abstracts Service Registry Number.
Hazchem Code.....Emergency action code of numbers and letters that
Provide information to emergency services especially
Firefighters.
IARC.....Internationally Agency for Research on Cancer.
NOSA.....National Occupational Safety Association.
NOS.....Not otherwise specified.
NTP.....National Toxicology Program (USA)
R-Phrase.....Risk Phrase
UN Number.....United Nations Number
SUSDP.....Standard for the Uniform Scheduling of Drugs and
Poisons.
LD50.....Lethal Dose for 50% Mortality

Disclaimer

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding the use of this data or the results to be obtained from use thereof. Zylem CC assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

END OF MSDS