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		Date : 20 / 5 / 2014
		Supersedes : 17 / 7 / 2011
Kenopel 200 SL		R-16316.DPD

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Trade name : Kenopel 200 SL
Company identification : ADAMA SOUTH AFRICA (PTY) LTD
21 Viben Street
Brackenfell 7560
Phone nr : +27 82 331 6463
+27 21 982 1460

SECTION 2. Hazards identification

Human health hazards : Harmful by inhalation and if swallowed.
Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3. Composition/information on ingredients

Components : This product is considered to be hazardous and contains hazardous components.

Substance name	Concentration % w/w	CAS No	EC No	Index No	REACH Reg.	Classification
Guazatine acetates	19.2 %	115044-19-4	236-855-3	612-087-00-8	----	T+: R26 Xn: R21/22 Xi: R37/38-41 N: R50-53

SECTION 4. First aid measures

First aid measures
Inhalation : Remove victim to fresh air. Immediately get medical attention.
Skin contact : After contact with skin, wash immediately with plenty of .
Eye contact : Wash out with plenty of water with the eyelid held wide open .
Immediately consult an eye specialist.
Ingestion : If swallowed seek medical advice immediately and show this container or label.
Note to physician : No antidotes known. Treat symptomatically and give supportive therapy.

SECTION 5. Fire-fighting measures

Suitable extinguishing media : Not flammable . If involved in fire: foam , carbon dioxide , dry chemical , water spray .
Specific hazards : Thermal decomposition generates : COx, NOx.
Protection against fire : Self-contained breathing apparatus.

SECTION 6. Accidental release measures

For emergency responders : Wear protective clothing and Safety goggles .
Environmental precautions : Do not empty into drains .
Clean up methods : Absorb in sand or other inert material . Collect spilled material with shovel,place into a clean container and cover container loosely . Dispose of this material and its container at hazardous or special waste collection point.

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SECTION 7. Handling and storage

- Handling** : Wear suitable protective clothing and eye/face protection . Do not breathe vapour . Use breathing apparatus. Use only in well ventilated areas.
When using do not eat, drink or smoke .
- Storage** : Keep away from food, drink and animal feedingstuffs .
- Packing** : High density polyethylene extrusion blow containers .

SECTION 8. Exposure controls/personal protection

- Not established
- : Ventilation required. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower . Wash clothing before re-using. Wash hands thoroughly after handling.
- Personal protection** : Wear suitable protective clothing and eye or face protection.

SECTION 9. Physical and chemical properties

- Physical state at 20 °C** : Liquid
- Colour** : Colourless
- Odour** : Weak acetic acid
- pH value** : 5.0-6.0
- Boiling point [°C]** : 100 °C
- Flash point [°C]** : >100
- Flammability** : Not flammable
- Density [g/cm³]** : 1.040
- Explosion limits** : Not explosive

SECTION 10. Stability and reactivity

- Chemical stability** : Stable under normal conditions.
- Hazardous decomposition products** : Thermal decomposition generates : CO_x, NO_x.
- Materials to avoid** : Corrosive to iron and alloys thereof.

SECTION 11. Toxicological information

- Toxicity information** : No toxicological information is known on the product.
- Based on data of a similar product:
- Rat oral LD50 [mg/kg] : Pallas: 1431
 - Dermal, Rat LD50 [mg/kg] : Pallas: >2000
 - Rat inhalation LC50 [mg/l/4h] : > 2
- Dermal irritation (rabbit)** : Pallas: Not irritating
- Eyes irritation (rabbit)** : Pallas: Not irritating
- Sensitization** : Active ingredient : Guinea pig maximization test: Non sensitizer

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SECTION 12. Ecological information

Ecological effects information	: The data below are for Guazatine technical:
LC50 - Rainbow trout [mg/l]	: 0.4
EC50 - Daphnia [mg/l]	: 0.15 (4 hours)
EbC50 Algae [μg/l]	: 5.4
ErC50 Algae [μg/l]	: 8.7



SECTION 13. Disposal considerations

General	: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point Dispose in a safe manner in accordance with local/national regulations.
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SECTION 14. Transport information

UN N°	: 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (19.2% Guazatine acetates)
- H.I. no	: 90
- IMO-IMDG - class or division	: 9
- Packing group	: III
- IMDG-Marine pollution	: Marine pollutant - Polluant marin

SECTION 15. Regulatory information

EU Classification	: This product is provisionally labelled by the supplier in accordance to the EU regulations: .
Symbol(s)	 
R Phrase(s)	: Xn: Xn : Harmful. N: N : Dangerous for the environment. R20/22 - Harmful by inhalation and if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s)	: S02 - Keep out of the reach of children. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible). S57 - Use appropriate container to avoid environmental contamination.

SECTION 16. Other information

List of relevant R phrases (heading 3)	: R21/22 - Harmful in contact with skin and if swallowed. R26 - Very toxic by inhalation. R37/38 - Irritating to respiratory system and skin. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Print date	: 22 / 5 / 2014

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ADAMA SOUTH AFRICA (PTY) LTD

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SECTION 16. Other information (continued)

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