

Material Safety Data Sheet

Conforms to ISO 11014:2009

VEGIE BAC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name : VEGIE BAC
Product code : LC1
Use/description of product : Disinfectant for vegetable
Company name : Kiarah Chemicals
 Unit 4
 Cnr. Berry and Nederveen Road
 Roodekop
 Germiston
 Tel: +2711 865 1199
 Fax: +2711 856 3671
 E-mail: kiarah@enyuka.com
Emergency number : 082 911 (NETCARE)

3. HAZARD IDENTIFICATION

Main hazards : Irritant and can form explosive reactions with nitrogen compounds
Inhalation : Irritant – coughing, avoid dust inhalation
Skin contact : Skin irritant may cause burns
Eye contact : Burning, avoid eye contact at all times
Ingestion : Burning of throat, poisonous when ingested

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristic : Chlorinated Powder
Ingredients : ■ Sodium dichloroisocyanurate 60%
 CAS NO. 2893-78-9
 [Xn] R36
 (Xi) irritant

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 1 of 6	Revision 1

4. FIRST-AID MEASURES

- Skin contact** : Remove all contaminated clothing, and rinse immediately with plenty of Water
- Eye contact** : Flush with running water for 15 minutes. Seek medical attention if irritation continues.
- Ingestion** : Wash out mouth with running water for at least 15 minutes. Do not Induce vomiting. Seek medical attention.
- Inhalation** : Remove patient to fresh

5. FIRE FIGHTING MEASURES

- Extinguishing Media Suitable** : SMALL FIRE: Use DRY chemical powder.
- Special Hazard** : Explosion mixture are formed in reaction with nitrogen Containing compounds
- Unusual fire/explosion hazard** : None
- Hazardous thermal (De) composition products** : Not applicable
- Special fire-fighting procedures** : Fire fighters must wear positive pressure self contained breathing apparatus (SCUBA) and full turnout gear.
- Protection of fire fighters** : Be sure to use an approved/certified respirator or equivalent.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Not applicable
- Environmental precautions and clean-up methods** : Not applicable

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

- Handling** : Handle with care do not mix with any other chemical. Keep away Water.
- Storage** : Store in a cool dry place. Keep container closed all the time. Avoid storing near acids and nitrogen containing compounds.
- Packaging materials Recommended use** : Use original container
- Not suitable** : No additional remark

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 2 of 6	Revision 1

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures	: Not applicable
Hygiene measures	: Wash hands after handling and before eating.
Occupational exposure limits	: Not applicable.
Personal protective equipment	
Respiratory system	: Wear appropriate respirator when ventilation is inadequate.
Skin and body	: Coat.
Hands	: Gloves
Eyes	: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: chlorine Powder.
Colour	: Off White
Odour	: Chlorine
Solubility in water	: Soluble
PH (1%) solution	: 5.00 – 11.5
Volatile Organic Matter (g/l)	:
Vapour density	: Not applicable.
Vapour pressure	: Not applicable.
Flash point	: Not applicable.

10. STABILITY AND REACTIVITY

Stability	: This product is stable under normal condition.
Conditions to avoid	: No additional remark.
Materials to avoid	: Oxidizing agents containing compounds (e.g. ammonia, amine etc) Acids, releases toxic explosive fumes. Never mix with any other chemicals
Hazardous Decomposition Products	: When mixed with nitrogen containing compounds releases toxic explosive fumes

11. TOXICOLOGICAL INFORMATION (based on sodium dichloroisocyanurate)

Toxicity	: Acute oral rat LD50: 735mg/kg Acute dermal rabbit LD50 200 mg/kg
-----------------	---

Symptoms

Skin contact	: May cause irritation.
Eye contact	: There may be irritation and redness.
Ingestion	: There may be soreness and redness of the mouth and throat.
Inhalation	: May cause irritation.

Actions

Skin contact	: Remove all contaminated clothing, and rinse immediately with plenty of
---------------------	--

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 3 of 6	Revision 1

- Water
- Eye contact** : Flush with running water for 15 minutes. Seek medical attention if irritation continues.
- Ingestion** : Wash out mouth with running water for at least 15 minutes. Do not induce vomiting. Seek medical attention.
- Inhalation** : Remove patient to fresh

12. ECOLOGICAL INFORMATION (based on sodium dichloroisocyanurate)

- Acute toxicity** : 96h LC50 0.22mg/l
- Bacterial** : The product can be toxic to plants and other living organisms at excessive quantities.
- Biodegradability** : The product is readily biodegradable
- Bioaccumulation** : No possibility




13. DISPOSAL CONSIDERATIONS

- Methods of disposal** : Type: Non hazardous chemical waste
 Location: not available
 Classification: not available
 Disposal: via water treatment
 Storage: not available
 Recycling: not available
- Waste classification** : Permissible under application rules, regulations of the laws governing your location
- Disposal of packaging** : Recycle or provide to drum collectors

14. TRANSPORT INFORMATION

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 4 of 6	Revision 1

Local/International transport regulations:

Regulatory information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
	3082	-	-			
ADR/RID Class		-	III			
IMDG Class	Not regulated	-	-	Class 9 Irritant powder		

South African Transport Legislation: See SABS 0228, 0229, 0231, 0232-1, 0232-3, 1518

15. REGULATORY INFORMATION

SABS 0263/EU Regulations

Hazard symbol(s)

:



Harmful

Indication of danger

: Harmful

Risk phrases

: R22 – R36/37/R38, R41 Harmful if swallowed
R36/38 – Irritating to eyes and skin.
R43 – May cause sensitization by skin contact.

Safety phrases

: S22, S24/25, and S26 - Keep out of reach of children.
S24 – Avoid skin contact.
S37 – Wear suitable gloves.
S46 – If swallowed, seek medical advice immediately and show this Document, product container or label.

Product use

: Consumer application.

South Africa

: See The Occupational Health & Safety Act 85 of 1993.

Storage legislation

: See SABS 072

16. OTHER INFORMATION

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 5 of 6	Revision 1

This product function to wash and disinfect fruit and vegetable produce before consumption

Notice to reader

:

The above information is believed to be correct but does not purport to be inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

Doc Id /No	Valid From	Page No.	Revision No.
KC VEGIE BAC MSDS	13/06/2016	Page 6 of 6	Revision 1