

SAFETY DATASHEET

1	Identification of Substance and Company Details	
1.1	Product identifier	
	Product Code:	Xlure - CHK , CHKLI , CHKP/E
	Product Name:	Xlure - Check Point (<i>Plodia/Ephestia</i>)
	Active Ingredient:	Z,E-9,12-14AC (Nature identical pheromone for the insects <i>Plodia interpunctella</i> and <i>Ephestia spp.</i>)
	CAS Number:	30507-70-1
	Other Ingredients:	PolyStyrene trap lined with Craft board coated with hot melt pressure sensitive adhesive based on resins and synthetic rubber compounds containing <i>Plodia/Ephestia</i> pheromone.
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Product use	Insect attraction and containment for the purpose of monitoring the target species.
1.3	Details of the supplier of the safety data sheet	
	Manufacturer:	Russell IPM Ltd
	Supplier:	Pathogen & Environmental Solutions
	Address	Unit 37, Silver Park, Silver Street, Brackenfell Industria, 7560, South Africa.
	Telephone number	(+27) 21 982 8689
	Email:	info@pesafrica.net
	Web:	www.pesafrica.net
1.4	Emergency telephone number	(+27) 83 272 3302 (+27) 83 295 1313
2	Hazards Identification	
2.1	Classification of the substance or mixture	Pheromone Trap.
2.2	Label elements	None.
2.3	Other hazards	None.
	HMIS® Rating	
	Health:	1
	Flammability:	1 - Flammable at temperatures over 100° c
	Reactivity:	0
	Protection:	B
	Safety Phrases:	There were no toxicological studies in the published literature to assign risk and safety phrases.
	UN Number:	Non allocated.

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3 Composition and Formulation

3.1 Substances

Active Ingredient:	Z,E-9,12-14AC (Nature identical pheromone for the insects <i>Plodia interpunctella</i> and <i>Ephesia spp.</i>)
Other Ingredient:	PolyStyrene trap lined with Craft board coated with hot melt pressure sensitive adhesive based on resins Containing <i>Plodia/Ephesia</i> pheromone.

3.2

4 First Aid Measures

4.1 Description of first aid measures	See Section 4.3.
4.2 Most important symptoms and effects, both Known. acute and delayed	None
4.3 Indication of any immediate medical attention and special treatment needed	See Below.
- Inhalation	Remove to fresh air. Seek medical advice if symptoms persist.
- Eyes	Flush with plenty of water. Seek medical advice if symptoms persist.
- Skin	In case of skin contact resulting in irritation flush with copious amounts of water for at least 15 minutes. Seek medical advice if symptoms persist.
- Ingestion	Wash mouth with plenty of water. Induce vomiting if swallowed. Seek medical advice.

5 Firefighting Procedures

5.1 Extinguishing media	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
5.2 Special hazards arising from the substance or mixture	Formulation combustible. Emits toxic fumes under fire conditions, CO, CO ₂ .
5.3 Advice for fire-fighters	No special procedures.

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6	Accidental Release Measures	
6.1	Personal precautions, protective equipment and emergency procedures	No protective apparatus necessary for clean-up.
6.2	Environmental precautions	The material should be prevented from contaminating soil or from entering sewage and
6.3	Methods and material for containment and cleaning up	Dispose of in approved manner.
6.4	Reference to other sections	Not Applicable.
7	Handling and Storage	
7.1	Precautions for safe handling	- Do not breath vapours. - Avoid contact with skin and eyes. - Wash thoroughly after handling.
7.2	Conditions for safe storage, including any place. incompatibilities	- Store in cool, dry and well ventilated - Keep away from heat, sparks and open flames. - Rubber septa and sticky liner can be refrigerated for longer storage.
7.3	Specific end use(s)	Insect attraction and containment for the purpose of monitoring the target species.
8	Exposure Controls/ Personal Protection	
8.1	Control parameters	Standard personal and industrial hygiene practices. No special protective equipment is required under normal conditions. VENTILLATION: Mechanical (general). RESPIRATORY: Usually not required.
8.2	Exposure controls	SKIN: Rubber gloves. EYES: Splash proof safety glasses. OTHER PROTECTIVE EQUIPMENT: Safety shower, eye

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9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Trap in three parts with a black and translucent section. Lined with a card board liner with checked pattern visible through the clear section of the trap.
Odour:	Mild, Oily
Odour threshold	Not Applicable.
pH	Not Applicable.
Meltingpoint/freezing point	Not Applicable.
Initial boiling point and boiling range;	Not Applicable.
Flashpoint;	Not Applicable.
Evaporation rate;	Not Applicable.
Flammability (solid, gas);	Not Applicable.
Upper/lower flammability or explosive limits;	Not Applicable.
Vapour pressure;	Not Applicable.
Vapour density;	Not Applicable.
Relative density;	Not Applicable.
Solubility(ies);	Not Soluble.
Partition coefficient: n-octanol/water;	Not Applicable.
Auto-ignition temperature;	Not Applicable.
Decomposition temperature;	Not Applicable.
Viscosity;	Not Applicable.
Explosive properties;	Not Applicable.
Oxidising properties.	Not Applicable.
Other information	None.

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Stability and Reactivity

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Reactivity	Presents no special reactivity hazard.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None.
Conditions to avoid	Excessive heat, open flames.
Incompatible materials	Acids, bases and oxidizing material.
Hazardous decomposition products	No data.

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11 Toxicology Information

11.1 Information on toxicological effects

SKIN CONTACT:	No Data.
SKIN ABSORPTION:	No Data.
EYE CONTACT:	No Data.
INHALATION:	No Data.
INGESTION:	No Data.
SIGNS & SYMPTOMS OF EXPOSURE:	No Data.
TOXICITY DATA:	No Data.
Listed as Carcinogen BY NTP, IARC, OR OSHA?	No.

12 Ecological Information

12.1 Toxicity	Prevent contamination of soil, ground and surface water.
12.2 Persistence and degradability	Not Available.
12.3 Bio accumulative potential	Not Available.
12.4 Mobility in soil	Not Available.
12.5 Results of PBT and PvB assessment	Not Available.
12.6 Other adverse effects	No data on adverse ecological effects.

13 Disposal Considerations

13.1 Waste treatment methods	By incineration or sanitary landfill in accordance with local, state and federal regulations.
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14 Transport Considerations

14.1 UN number	Not Regulated.
14.2 UN proper shipping name	Not Regulated.
14.3 Transport hazard class(es)	Not Regulated.
14.4 Packing group	Not Regulated.
14.5 Environmental hazards	None.
14.6 Special precautions for user	None.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Regulated.

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15	Regulatory Information	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	European information: Based on toxicological studies in the published literature, there is no risk and safety phrases to assign for this product.
15.2	Chemical safety assessment	None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.
16	Other	
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