SAFETY DATA SHEET ***Active*Guard® Mattress Liner**

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: *Active*Guard® Mattress Liner
EPA Reg. No.: 82123-1
DATE: 25 May 2016
REVISION #: 1.0002
MANUFACTURER: Allergy Technologies LLC
ADDRESS: 124 S. Maple Street
Suite 100
Amber, PA 19002

PRODUCT USE: Insecticide, pest control
SUPERSEDES DATE: 28 April 2013

24/7 EMERGENCY PHONE: INFOTRAC 800-535-5053. Call collect internationally; 352-323-3500
24/7 HEALTH EMERGENCIES: 800-222-1222 National Poison Control Center

SECTION 2 - HAZARDS IDENTIFICATION

GHS label: None. **GHS Pictogram**: None.
The most likely route of entry is the skin. This product may produce skin sensations that are reversible after 12-hours.

HAZARD STATEMENTS:
Physical hazard statements: None.
Health statements: None.
Precautionary statements: P103, Read label before use.
Response statements: None.
Disposal statements: P502, Refer to manufacturer for information on disposal.
ROUTE OF ENTRY: Skin adsorption.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None
CARCINOGENICITY: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EINECS #	%	REACH REG #
Polyester fabric	25038-59-9	NE	98.36	No
Permethrin*	56645-53-1	258-067-9	1.64	No

*Active ingredient

SECTION 4 - FIRST AID MEASURES

INHALATION: Not likely in product form.
EYE CONTACT: Not likely in product form.
SKIN CONTACT: Not likely in product form.
INGESTION: Not likely in product form.

SECTION 5 - FIREFIGHTING MEASURES

FLASHPOINT AND METHOD: Not flammable
FLAMMABLE LIMITS: None established.
EXTINGUISHING METHOD: Use dry chemicals, carbon dioxide and foam.
FIRE OR EXPLOSION HAZARDS: This material under complete combustion will form oxides of carbon and nitrogen, chlorine and hydrogen chloride.
SPECIAL FIREFIGHTING PROCEDURES: Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing to be worn by firefighters.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Keep away from excessive temperatures (177°F (350°C)). Product does not leak.

SECTION 7 - HANDLING AND STORAGE

STORAGE TEMPERATURE: Keep mattress liner below excessive heat (177°F (350°C)).
SPECIAL SENSITIVITY: None known at this time.
HANDLING AND STORAGE PRECAUTIONS: Use normal good personal hygiene. Wash thoroughly after use and before eating, drinking, chewing gum or using tobacco.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Not needed.
SKIN PROTECTION: None required.
RESPIRATORY PROTECTION: None required.
OCCUPATIONAL EXPOSURE LIMITS: None established.
ENGINEERING CONTROLS: None required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Soft white fabric.
ODOR: Odorless
SOLUBILITY IN WATER: Not soluble
FLASH POINT: Not applicable
VOLATILE ORGANIC CONTENT (VOC): Not applicable

SECTION 10 - REACTIVITY

STABILITY: This product is stable material under normal conditions of storage and handling.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Excessive high temperatures (177°C (350°C)).
INCOMPATIBLES: Avoid strong oxidizing agents, acids and bases.
DECOMPOSITION PRODUCTS: Product will burn and the products of complete combustion are oxides of carbon and nitrogen, chlorine and hydrogen chloride.

SECTION 11 - TOXICOLOGICAL/ECOLOGICAL INFORMATION

For Permethrin:
Oral $LD_{50\ (rat)} \geq 5000$ mg/kg $LC_{50\ (rat)} \geq 20$ mg/L Dermal $LD_{50\ (rat)} \geq 20{,}000$ mg/kg
The significant route of exposure is the skin.

SECTION 12 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material is a solid fabric. Dispose according to the regulations of local, state and Federal regulatory agencies.

SECTION 13 - TRANSPORTATION INFORMATION

US DOT PROPER SHIPPING NAME: Not regulated.
IATA (air) SHIPPING NAME: Not regulated.
IMO (water) SHIPPING NAME: Not regulated.

SECTION 14 - REGULATORY INFORMATION

OSHA STATUS: Polyester fabric not listed. Permethrin is a registered pesticide.
TSCA STATUS: None.
CERCLA REPORTABLE QUANTITY: None.
CALIFORNIA PROPOSITION 65: None.
RCRA STATUS: Not regulated under RCRA
SARA 311/312 HAZARD NOTIFICATION/REPORTING
IMMEDIATE Y **FIRE** Y **SUDDEN RELEASE OF PRESSURE** N
DELAYED Y **REACTIVE** N
SARA TITLE III: None.
SECTION 302 EXTREMELY HAZARDOUS: None.
SECTION 311/312 HAZARD CATEGORIES: None.
SECTION 313 TOXIC CHEMICALS: Permethrin.
RIGHT TO KNOW: Permethrin is listed in CA, FL, ME, MN, NJ and PA.
WHMIS: Permethrin is listed as a pesticide. This product has been classified in accordance with the hazard criteria of the Controlled Products regulations and the SDS contains all of the information required by these regulations.

SECTION 15 – OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)
Hazardous Materials Identification System (HMIS)

NFPA			HMIS	
		0 Least		
1	Health	1 Slight	1	Health
0	Flammability	2 Moderate	0	Flammability
0	Instability	3 High	0	Reactivity
		4 Severe	B	PPE

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS) and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
This product is EPA Toxicology Category IV by all routes of exposure. Therefore, no signal word nor Hazards to Humans and Domestic Animal Statements are required.

SECTION 16 – ABBREVIATIONS /DISCLAIMER

REASON FOR ISSUE: New SDS pictogram and label. **APPROVAL DATE:** 30 May 2016

PREPARED BY: Dennis Belau **REVIEWED BY** Allergy Technologies LLC
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Abbreviations:

AICS	Australian Inventory of Chemical Substances
CAS #	Chemical Abstract Service Number
°C	Celsius temperature scale
CI	China
DSL	Canada
ECL	Korean Existing Chemicals List
EEC	European Economic Commission
ENCS	Japanese Existing and New Chemical List
EINECS #	European Inventory of Existing Chemical Substances Number
EU	European Union °F
Israel	2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List
IARC	International Agency for Research on Cancer
LEL	Lower explosive limit
MAC	Netherlands
MAK	Germany
MITI	Ministry of International trade and Industry
NA	Not applicable
NTP	National Toxicology Program
MITI	Japan
ND	Not determined
NE	None established
OSHA	Occupational Safety Health Administration
PICCS	Philippines
PPE	Personal Protective Equipment
Prop.	Proprietary
SWISS	Giftliste 1
SWISS	inventory of Notified New Substances
TSCA	Toxic Substance Control Act
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
UEL	Upper explosive limit
UK	United Kingdom
USA	United States

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