

P+L Systems,
Sterling House,
Grimbald Crag Close ,
Knaresborough,
HG5 8PJ,
UK
T +44 (0)800 988 5359
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MATERIAL SAFETY DATA SHEET

**CARDBOARD GLUEBOARDS
FOR P+L SYSTEMS FLYTRAPS**

P+L Systems®

In compliance with Regulation (EC) nr. 1907/2006, (EC) n.453/2010 e (EC) n.1272/2008.

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product name: P+L Systems glueboards for UV flytraps.

- **Universal Glueboard Small** (GB001) yellow with black grid; cod. P-E06062GCPL.
- **Universal Glueboard Small** (GB002) black with white grid ; cod. P-06062NCPL.
- **Universal Glueboard Large** (GB011) yellow with black grid; cod. P-H06230GCPL.
- **Universal Glueboard Large** (GB012) black with white grid; cod. P-H06230NCPL.
- **PLUSLIGHT** (INF309) black with white grid; cod. P-F06253FNCPL.
- **IND35** (INF212) black with white grid; cod. P-F06255FNCPL.

1.2. Typical application: insect monitoring device to be used inside UV flytraps for monitoring flies, fruit flies, wasps and other flying insects.

1.3. Supplier Address: GEA s.r.l., Via Fermi, 10 –20019 Settimo Milanese (MI) – Italia

Tel: +39 02 33514890; Fax: +39 02 00665233

Email: msds@geaitaly.it

1.4. Emergency contact:

CNIT – Centro Nazionale Informazione Tossicologica – Centro Antiveleni di Pavia:

+39 0382 24444 (available 24 / 7)

Centro Antiveleni – Ospedale Niguarda – Milano:

+39 02 66101029 (available 24 / 7)

2. HAZARD IDENTIFICATION

2.1. Substance or mix identification:

This product is not classified as hazardous.

In compliance with Regulation (EC) n.1272/2008 (CLP: classification, labeling and packaging of substances and mixes), and with (EC) n. 67/548 (DSD: hazardous substances directive) and with (EC) n. 1999/45 (DPD: hazardous preparations directive): not classified.

2.2. Label elements:

Does not contain elements classified as hazardous, in normal conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Glueboard is composed of:

- Cardboard support.
- UV resistant hot melt adhesive.
- Attractant pheromone Muscalure (Z-9 Tricosene): 50 mg/board; CAS n.27519-02-4.

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- silicon release paper.

Materials used for packaging are:

Packs are in polypropylene thermoretractable film.

Outercase is a carton.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

Inhalation: not applicable

Skin contact: wash with soap or with liquid paraffin

Eye contact: wash with soap or with liquid paraffin

Ingestion: Consult a doctor

4.2. Main symptoms and effects, both acute and delayed: No data available.

4.3. Indications on the necessity of consulting a doctor immediately or requiring special treatments:

no data available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: water, foam, dry powder, CO₂.

Not suitable media: none.

5.2. Particular hazards coming from substance or mix: do not inhale combustion products.

5.4. Recommendations for fire fighters:

Wear safety equipment and use adequate breathing equipment depending on environmental conditions.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, safety equipment and procedures in case of an emergency: none required.

6.2. Precautions to protect environment: do not non disperse in the environment. No known ecological damage caused by these traps.

6.3. Materials and methods for containment and environmental remediation: remove traps for reuse or disposal. Clean glued surfaces with liquid paraffin and rinse thoroughly with cold water and detergent.

6.4 References and other sections: see section 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling: avoid contact with adhesive surface

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7.2. Conditions for safe stocking and eventual incompatibilities:

Stocking: stock traps in their original outer cartons.

Keep product away from damp, heat, sparks and flames.

Keep product away from reach of children.

Observe general rules of good cleaning practices.

Traps can be stocked for 2 years from the date of production, if stocked correctly.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters for personal protection:

Respiratory protection: not required.

Hand protection: not required.

Eyes protection: not required.

Skin protection: not required.

8.2. Exposure limits for professional reasons: none.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance: solid.

Color: cardboard support with yellow background and black grid or black background with white grid. The word "GLUPAC" is printed on the grid; transparent adhesive and pheromone; brown release paper with "GLUPAC" print black.

Odor: typical of pheromone.

Odor threshold : no data available.

pH: not applicable.

Fusion point (°C): not applicable.

Starting boiling point – boiling range: not applicable.

Boiling point (°C): not applicable.

Flammability point (°C): not applicable.

Evaporation rate: no data available.

Flammability: no data available.

Explosion limits (lower – upper): not explosive.

Explosiveness limit : not explosive.

Vapour pressure (at 20°C): no data available.

Relative density: no data available.

Density: no data available.

Solubility (qualitative): no data available.

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Solubility in water: no data available.

Partition coefficient in n-octanol – water: no data available.

Auto-ignition temperature (°C): no data available.

Decomposition temperature (°C): no data available.

Viscosity: no data available.

Explosive properties: not applicable.

Oxidizing properties: no data available.

9.2 Other information: no data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity: stable in standard stocking and use conditions.

10.2. Chemical stability: stable in standard stocking and use conditions.

10.3. Possibility of hazardous chemical reactions: no data available.

10.4. Conditions to avoid: none known.

10.5 Incompatible materials: no data available.

10.6 Hazardous decomposition byproducts: none known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Basing on actual knowledge, if product is handled correctly and used according to instructions, there are no known hazardous effects for human health.

12. ECOLOGICAL INFORMATION

12.1. Toxicity: no data available.

12.2. Persistence – Degradability: no data available.

12.3. Bioaccumulative potential: no data available.

12.4 Mobility in soil: not applicable.

12.5 Results of PBT and vPvB tests: no data available.

12.6 Other collateral effects: no data available.

Information on ecological effects: there are no known harmful effects caused by these products.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: incinerator or landfill site, according to current local , national and/or European legislation.

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14. TRANSPORTATION INFORMATION

Transportation information: not regulated. Since the product is not considered as dangerous, according to local, current national and/or European legislation.

15. REGULATORY INFORMATION

15.1. Rules and legislation on health, safety and environment, specific for the substance or mix: guarantee that all local, national and/or European rules are observed.

Other information: none.

15.2. Evaluation of chemical safety: no data available.

16. OTHER INFORMATION

Labeling of the product is indicated in section 2.

The information written in this data sheet is based on the knowledge about the product up to the date written below and there is no guarantee of quality.