



SAFETY DATA SHEET

PESTSHIELD NEW FORMULA ANT & CRAWLING INSECT KILLER

Page 1

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Revision No: 1

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

Product name: PESTSHIELD NEW FORMULA ANT & CRAWLING INSECT KILLER

Product code: PS0006

Use of substance / preparation: Formulated insecticide aerosol. HSE 8988.

Company name: 151 Products Limited

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UK

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2. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: TETRAMETHRIN <1%

EINECS: 231-711-6 CAS: 7696-12-0

[Xn] R22; [N] R50/53

- PIPERONYL BUTOXIDE <1%

EINECS: 200-076-7 CAS: 51-03-6

[N] R51/53

- KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

1-10%

EINECS: 265-149-8 CAS: 64742-47-8

[Xn] R65; [N] R51/53

- BUTANE 10-30%

EINECS: 203-448-7 CAS: 106-97-8

[F+] R12

- M-PHENOXYBENZYL

3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE <1%

EINECS: 258-067-9 CAS: 52645-53-1

[Xn] R20/22; [Sens.] R43; [N] R50/53

4. FIRST AID MEASURES (SYMPTOMS)

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be irritation of the throat.
- Inhalation:** There may be a feeling of tightness in the chest with shortness of breath.

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash immediately with plenty of soap and water. Seek medical attention if irritation or other symptoms develop and persist.
- Eye contact:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Get medical attention.
- Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.
- Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain and collect spillage with non-combustible materials (e.g. sand, earth, vermiculite) and place in a clearly labelled container for disposal.
- Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

7. HANDLING AND STORAGE

- Handling requirements:** Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** BUTANE
WEL (8 hr TWA): 1450 mg/m³ WEL (15 min STEL): 1810 mg/m³
- Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Avoid skin contact or wear gloves if necessary.
- Eye protection:** No special requirements under normal use conditions. Avoid contact with eyes - refer to section 4.
- Skin protection:** Avoid skin contact or wear gloves if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Aerosol
- Odour:** Characteristic odour
- Solubility in water:** Miscible
- Viscosity:** Non-viscous
- Flash point°C:** <0

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions. Stable at room temperature.
- Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.
- Materials to avoid:** Strong oxidising agents. Strong acids.
- Haz. decomp. products:** In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** M-PHENOXYBENZYL
3-(2,2-DICHLOROVINYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE
ORL MUS LD50 424 mg/kg
ORL RAT LD50 383 mg/kg
SKN RAT LD50 1750 mg/kg
- Chronic toxicity:** No special requirements under normal use conditions.
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

- Mobility:** Readily absorbed into soil.
- Persistence and degradability:** Biodegradable.
- Bioaccumulative potential:** No bioaccumulation potential.
- Other adverse effects:** Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Disposal should be in accordance with Local Authority regulations.

Disposal of packaging: Used containers must not be cut up or punctured until completely purged of product residues
Disposal should be in accordance with Local Authority regulations Contact local authority for location of nearest aerosol recycling bin.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1950

ADR Class: 2

Classification code: 5F

Shipping name: AEROSOLS

Labelling: 2.1

**IMDG / IMO**

UN no: 1950

Class: 2

EmS: F-D,S-U

Marine pollutant: .

Labelling: 2.1

IATA / ICAO

UN no: 1950

Class: 2

Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.
Dangerous for the environment.



Risk phrases: R12: Extremely flammable.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S2: Keep out of the reach of children.
S24/25: Avoid contact with skin and eyes.

SAFETY DATA SHEET

PESTSHIELD NEW FORMULA ANT & CRAWLING INSECT KILLER

S29: Do not empty into drains.

S51: Use only in well-ventilated areas.

S35: This material and its container must be disposed of in a safe way.

Precautionary phrases: Contains Permethrin. May produce an allergic reaction.

Use biocides safely. Always read the label and product information before use.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Haz. ingredients (label): Kerosine - unspecified - distillates (petroleum), hydrotreated light; M-phenoxybenzyl

3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This Safety Data Sheet is compiled with reference to The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), which implement the Council Directives 67/548/EC and 99/45/EC .

This product is approved under the Control of Pesticide Regulations 1986, for use as directed.

Risk phrases used in s.3: R22: Harmful if swallowed.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R12: Extremely flammable.

R20/22: Harmful by inhalation and if swallowed.

R43: May cause sensitisation by skin contact.

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