



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identifier: BUG-TEK (PCP # 28332, 29374)

Product use: Insecticide

Manufacturer: Nortek Inc. **Tel:** 416-751-8804
4 Sulkara Court **Fax:** 416-751-9219
Toronto, ON **Email:** rai@nortekinc.ca
M4A 2G9

SECTION 2 – HAZARD IDENTIFICATION

Irritancy Potential: Substance is not an eye or skin irritant in primary tests. May cause transient irritation of eyes, skin and mucous membranes.

SECTION 3 – COMPOSITION

Permethrin (m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-Dimethylcyclopropanecarboxylate) 0.25% by wt.
CAS no. 52645-53-1

SECTION 4 - FIRST AID MEASURES

In case of accident or if feeling unwell, seek medical advice immediately. Change contaminated, saturated clothing.

Inhalation: Remove affected person from the immediate area. If unconscious, place in recovery position and seek medical advice. Ensure supply of fresh air.

Skin: Wash off immediately with soap and water.

Eyes: Remove contact lenses, flush copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

Ingestion: Do not induce vomiting. Summon a doctor immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE-FIGHTING MEASURES

Product is a NON-FLAMMABLE, water-based emulsion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin, eyes and clothing. Use personal protective clothing.

Environmental precautions:

Do not discharge into the drains/surface waters/groundwater. In case of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up:

Contain and collect spillage with non-combustible absorbent materials, (e.g. sand, earth, vermiculite, diatomaceous earth) and place in container for disposal according to local regulations.

SECTION 7 – HANDLING & STORAGE

Advice on safe handling:

Avoid contact with skin and eyes. Keep container tightly closed. Do not eat, drink or smoke during work.

General protective and hygiene measures:

After working and during work intervals the affected skin areas must be thoroughly cleaned. Keep away from foodstuffs and beverages. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, well ventilated place. Keep from freezing.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment: Not required

In the event of risk of skin contact with the product, wear suitable protective gloves.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form/Colour: aqueous emulsion, milky

Odour: odourless

pH: 5.0 – 7.0

Boiling point: ~ 100°C

Flash point: > 100°C

Density: 0.98 - 1.01

Solubility in water: miscible

SECTION 10 – STABILITY & REACTIVITY

Chemical stability: Stable at 25°C

Conditions to avoid: Keep from freezing.

Incompatible materials: None known

Possibility of hazardous reactions: No data available.

Hazardous decomposition products: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity: No data available.

Acute dermal toxicity:

LD₅₀ >5050 mg/kg
Species Rats (male/female)
Reference substance Product
Source Stillmeadow, Inc., USA

Acute inhalational toxicity: No data available.

Skin corrosion/irritation:

Species rabbit
Reference substance Product
Source Product Safety Labs, USA
Evaluation practically non-irritating
Evaluation/classification Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Species rabbit
Reference substance Product
Source Product Safety Labs, USA
Evaluation practically non-irritating
Evaluation/classification Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Reproduction toxicity: No data available

Carcinogenicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity:

LC₅₀ 2.5 micro-g/l
Duration of exposure 96 hr
Species Rainbow trout
Reference substance Permethrin
Source Pesticide Manual

Daphnia toxicity:

LC₅₀ 0.6 micro-g/l
Duration of exposure 48 hr
Species Daphnia magna
Reference substance Permethrin
Source Pesticide Manual

Algae toxicity: No data available

Bacteria toxicity: No data available

Other aquatic organisms: Very toxic to aquatic organisms

SECTION 13 – DISPOSAL CONSIDERATIONS

Triple rinse empty container and dispose in household garbage. Recycle wherever possible.

SECTION 14- TRANSPORTATION INFORMATION

24 HOUR EMERGENCY SERVICE: CANUTEC: (613) 996-6666 (COLLECT)

SECTION 15 – REGULATORY INFORMATION

This product and the label are registered with Health Canada, Pest Management Regulatory Agency.

SECTION 16 – OTHER INFORMATION

PREPARED BY:

Rai Rimmel, P.Eng.

Tel: 416-751-8804

Email: rai@nortekinc.ca

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The information provided in this Material Safety Data Sheet is supplied in good faith and is accurate at the date of its publication. The intention is to give sufficient information about the product and its properties to enable the user to formulate his own procedures for the safe use of the product in terms of the health and safety of all concerned and the protection of the environment. This is not a specification of the product nor does it list its uses.

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