

VITAX SAFETY INFORMATION SHEET

Date of Issue: 18/10/2006

Revision: 09/06/2009

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

Name of Product: SBK BRUSHWOOD KILLER

Use of the Substance/Preparation: Selective herbicide.

Manufacturer/Distributor: Vitax Limited
Owen Street
Coalville
LE67 3DE UK
Tel: +44 (0) 1530 510060 Fax: +44 (0) 1530 510299 Email: tech@vitax.co.uk

Emergency Contact: Tel: +44 (0) 1530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

Classification: Not classified as dangerous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: Soluble concentrate containing:

Hazardous Ingredients:

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Triclopyr triethylamine salt	6.6%	Xi; R41-43-52/53	057213-69-1	260-625-1
Triethylamine	<2.1%	F,C; R11-20/21/22-35	0121-44-8	204-469-4

4. FIRST AID MEASURES

Skin Contact: Essentially non-irritating to the skin. Prolonged skin contact is unlikely to result in absorption of harmful amounts. Remove contaminated clothing immediately, wash skin area with soap and water and launder clothing before re-use or dispose of properly.

Eye Contact: Essentially non-irritating to eyes. Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes.

Ingestion: Low toxicity if swallowed. Do not induce vomiting. Call a physician. The decision of whether to induce vomiting or not should be made by a physician.

Inhalation: Remove to fresh air. no adverse effects anticipated by this route of exposure incidental to proper handling.

General Advice: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).
Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Advice to Doctors: No specific antidote. Supportive care. Treatment based on judgement of physician in response to symptoms of patient. Additional medical guidance is available to doctors from the National Poisons Information Service.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water fog or fine spray. Carbon dioxide. Dry chemical fire extinguishers. Foam.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

Special Protective Equipment: Wear protective clothing and use self-contained breathing apparatus.

Additional Information: Keep containers cool by spraying with water. Contain run-off to prevent entry into water or drainage systems.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear appropriate safety clothing and eye/face protection (see EXPOSURE CONTROLS/PERSONAL PROTECTION)
Environmental Precautions:	Do not wash into sewers or into any body of water. Advise water authority if spillage has entered water course or drainage system.
Spillages:	Soak up with sand or other non-combustible absorbent material and place into containers for disposal. For large spills, barricade area and consult manufacturer. If further assistance is required, telephone the emergency number.

7. HANDLING & STORAGE

Handling:	Use good personal hygiene. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work. Avoid eye and skin contact.
Storage:	Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated place in the original container. Protect from excessive heat and cold. Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilisers. Keep out of reach of children.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines:	Triclopyr: Dow AgroSciences IHG is 2 mg/m ³ (skin) Triethylamine: Time-Weighted Average (TWA): 8 mg/m ³ Short Term Exposure Limit (STEL): 17 mg/m ³
Engineering Controls:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Respiratory Protection:	For most conditions, no respiratory protection should be needed. However, when airborne exposure guidelines and/or comfort levels may be exceeded use an approved air-purifying respirator. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
Hand/Skin Protection:	For brief contact, no precautions other than clean body-covering clothing and impervious gloves should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. For emergency conditions: use protective clothing impervious to this material. Selection of specific items will depend on operation.
Eye/Face Protection:	Use chemical goggles.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	pale yellow liquid
pH	7.5-9.5
Relative density	1.02 approx (20 deg C)
Solubility	soluble
Flash point	65 deg C (PMCC)
Other data	none

10. STABILITY & REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	Avoid extremes of temperature
Materials to Avoid:	Strong basic, acidic or oxidising materials.
Hazardous Decomposition Products:	None under normal conditions of storage and use.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Based on data for similar formulation.
Oral: LD50 (rat) > 2000 mg/kg
Dermal LD50 (rat) > 2000 mg/kg

Skin Irritancy: Not irritating.

Skin Sensitisation: Not sensitising.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Material is not harmful to fish on an acute basis (LC50>100mg/L)
Material is not harmful to aquatic invertebrates on an acute basis (EC50>100mg/L)
Material is not harmful to algae (IC50 >100mg/l)

Avian Toxicity: Material is practically non-toxic to birds on an acute basis (LD50 >2000mg/kg)

Persistence and Degradability: Degradation is microbially mediated and occurs readily, dependent on conditions.

13. DISPOSAL CONSIDERATIONS

Packaging/Unused Product: Do not contaminate ponds, waterways or ditches with chemical or used container. Wash out thoroughly. Container and washings must be disposed of safely and in accordance with applicable regulations. The preferred options are to send to licensed reclaimer or to permitted incinerators. Do not re-use container for any purpose.

14. TRANSPORT INFORMATION

Transport/Further Information: Product is not classified for any mode of transportation. Sample shipment not allowed by mail.

15. REGULATORY INFORMATION

Hazard Symbol: None. Not classified as hazardous

Risk Phrases: None.

Safety Phrases: S2 - Keep out of reach of children
S23 - Do not breathe spray
S29 - Do not empty into drains

16. OTHER INFORMATION

Risk phrases in Section 3

R11 - Highly flammable
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed
R35 - Causes severe burns
R41 - Risk of serious damage to eyes
R43 - May cause sensitisation by skin contact
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information contained in this sheet is based on the best available information, including data from test results.

Prepared in accordance with Directive 1999/45/EC and subsequent amendments modified by Directive 2006/08/EC, taking account Directive 67/548/EC (Dangerous substances) modified by Directive 2004/73/EC and Regulation 1907/2006/EC (REACH).