

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **SBK BRUSHWOOD KILLER**

Packaging: 125ml, 250ml, 500ml & 1 litre HDPE bottles packed in cardboard boxes.

AND COMPANY

Vitax Ltd, Owen Street, Coalville LE67 3DE Tel: 01530 510060

COMPOSITION

Soluble concentrate containing:

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Triclopyr triethylamine salt	6.4%	Xi R41-43-52/53	057213-69-1	260-625-1
Triethylamine	<2.5%	F,C R11-20/21/22-35	0121-44-8	204-469-4

HAZARDS IDENTIFICATION

Irritating to eyes. May cause long-term adverse effects in the aquatic environment.

FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:-

Skin Contact - essentially non-irritating to the skin. Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Eye Contact - irritating to eyes.

Ingestion - low toxicity if swallowed.

Inhalation - no adverse effects anticipated by this route of exposure incidental to proper handling.

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.

Additional medical guidance is available to doctors from the National Poisons Information Service.

Eye Contact - immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.

Skin Contact - remove contaminated clothing immediately, wash skin area with soap and water and launder clothing before re-use or dispose of properly.

Ingestion - do not induce vomiting. Call a physician. The decision of whether to induce vomiting or not should be made by a physician.

Inhalation - remove the fresh air. Consult a physician.

Note to physician - no specific antidote. Supportive care. Treatment based on judgement of physician in response to symptoms of patient.

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.

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.

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.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines:

Triclopyr: Dow AgroSciences IHG is 2 mg/m³ (skin)

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.

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

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.

TOXICOLOGICAL INFORMATION

Acute toxicity: based on data for similar formulation.

Oral: LD50 (rat) > 2000 mg/kg

Dermal LD50 (rat) > 2000 mg/kg

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.

DISPOSAL CONSIDERATIONS

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.

TRANSPORT INFORMATION

Product is not classified for any mode of transportation. Sample shipment not allowed by mail.

REGULATORY INFORMATION

Hazard Symbol: none, not classified as hazardous

OTHER INFORMATION

Risk phrases in Section 2

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.

October 2006