

SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

READY TO USE SBK BRUSHWOOD KILLER

1.2 Relevant identified uses of the substance or mixture and uses advised against

Plant Protection Product – Herbicide for amateur use.

1.3 Details of the supplier of the safety data sheet

GB/NI Vitax Limited, Owen Street, Coalville LE67 3DE
IRL Vitax (Ireland) Ltd, Block 3, Harcourt Centre, Harcourt Road,
Dublin 2, D02 A339, Ireland
Tel: +44 (0)1530 510060 Email: info@vitax.co.uk

1.4 Emergency Contact:

For urgent medical help or advice, contact the NHS by calling 111
For product advice, Tel: +44 (0)1530 510060 (Office Hours)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008:

Long-term (chronic) aquatic hazard - Category 4 - H413.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard pictograms None
Signal word: None
Hazard statements H413 May cause long lasting harmful effects to aquatic life.
Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read the label before use.
P501 Dispose of contents/container to a household waste recycling centre as hazardous waste except for empty containers which can be disposed of in the dustbin.
Supplementary labelling EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
SP1 Do not contaminate water with the product or its container.

2.3 Other hazards

Contains triclopyr and 1,2-benzisothiazol-3-one . May produce an allergic reaction.
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

REGULATION (EC) No 1272/2008

Component	CAS No / EC-No	Index-No./REACH Registration Number	Classification:	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)	Concentration
Triclopyr Triethylamine Salt	57213-69-1/ 260-625-1	-	Flam. Liq. - 3 - H226 Eye Irrit. - 2 - H319 STOT RE - 2 - H373 (kidney) Aq. Acute -1 – H400 Aq. Chron. -1 – H410	-	>0.1 C <0.5%
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	613-088-00-6	Acute tox 4 – H302 Skin Irrit. 2 – H315 Eye Dam. 1 - H318 Skin sens. 1 – H317 Aq. acute 1 - H400	Skin Sens. 1; H317: C ≥ 0,05 %	>0.005 C <0.05%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:

First Aid responders should pay attention to self-protection. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

Inhalation:	Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration.
Skin contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water. Get medical attention if symptoms are severe or persist.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist.
Ingestion:	Call a poison control centre or doctor if unwell. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control centre or doctor. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed:

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:	May cause asthma-like (reactive airways) symptoms. Bronchodilators, expectorants, antitussives and corticosteroids may be of help. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control centre or doctor, or going for treatment.
---------------------	---

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:	To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. General purpose synthetic foams (including AFFF type) or protein foams are preferred if available. Alcohol resistant foams (ATC type) may function.
-------------------------------	---

Unsuitable extinguishing media: no data available

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:	Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Nitrogen oxides. Hydrogen chloride. Carbon monoxide. Carbon dioxide.
--------------------------------	---

Unusual Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn.

5.3 Advice for firefighters

Fire Fighting Procedures:	Keep people away. Isolate fire and deny unnecessary entry. Eliminate ignition sources. To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this (M)SDS.
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Ventilate area of leak or spill. No smoking in area. Keep out of sewers. Refer to section 7, Handling, for additional precautionary measures. Use appropriate safety

SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

- equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
- 6.2 Environmental precautions:** Avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
- 6.3 Methods and materials for containment and cleaning up:** Contain spilled material if possible. Small spills: Absorb with materials such as: Clay. Dirt. Sand. Sweep up. Collect in suitable and properly labelled containers. Large spills: Contact Vitax Ltd for clean-up assistance. See Section 13, Disposal Considerations, for additional information.
- 6.4 Reference to other sections:** References to other sections, if applicable, have been provided in the previous sub-sections.

SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Keep out of reach of children. Keep away from heat, sparks and flame. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour or mist. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. No smoking, open flames or sources of ignition in handling and storage area.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.
- 7.3 Specific end use(s):** Refer to product label.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits are listed below, if they exist.

Component	Regulation	Type of listing	Value/Notation
triethylamine	2000/39/EC	TWA	8.4 mg/m ³ 2 ppm, Absorbed via skin
	2000/39/EC	STEL	12.6 mg/m ³ 3 ppm, Absorbed via skin
	GB EH40	TWA	8 mg/m ³ 2 ppm, Absorbed via skin
	GB EH40	STEL	17 mg/m ³ 4 ppm, Absorbed via skin

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

Derived No Effect Level

triethylamine

Workers

<i>Acute systemic effects</i>		<i>Acute local effects</i>		<i>Long-term systemic effects</i>		<i>Long-term local effects</i>	
Dermal	Inhalation	Dermal	Inhalation	Dermal	Inhalation	Dermal	Inhalation
n.a.	12.6 mg/m ³	n.a.	12.6 mg/m ³	12.1 mg/kg bw/day	8.4 mg/m ³	n.a.	8.4 mg/m ³

Consumers

<i>Acute systemic effects</i>		<i>Acute local effects</i>		<i>Long-term systemic effects</i>		<i>Long-term local effects</i>	
Dermal	Inhalation	Dermal	Inhalation	Dermal	Inhalation	Dermal	Inhalation
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Predicted No Effect Concentration

triethylamine

Compartment	PNEC
Fresh water	0.064 mg/l
Marine water	0.0064 mg/l
Intermittent use/release	0.064 mg/l



SAFETY DATA SHEET
According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

Sewage treatment plant	100 mg/l
Fresh water sediment	0.1992 mg/kg
Soil	2.361 mg/kg

8.2 Exposure controls

Engineering controls: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection:

Use chemical goggles. Chemical goggles should be consistent with EN 166 or equivalent.

Hand protection:

Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Polyethylene. Ethyl vinyl alcohol laminate (“EVAL”). Examples of acceptable glove barrier materials include: Natural rubber (“latex”). Neoprene. Nitrile/butadiene rubber (“nitrile” or “NBR”). Polyvinyl chloride (“PVC” or “vinyl”). Viton.

When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Other protection:

When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.

Respiratory protection:

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. Use the following CE approved air-purifying respirator: Organic vapor cartridge with a particulate pre-filter, type AP2.

Environmental exposure controls

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state	Liquid.
Colour	Pale yellow
Odour	Not applicable
Odour Threshold	No test data available
pH	8-9 (undiluted) CIPAC MT 75
Melting point/range	Not applicable
Freezing point	No test data available
Boiling point (760 mmHg)	No test data available
Flash point closed cup	No test data available
Evaporation Rate (Butyl Acetate = 1)	No test data available
Flammability (solid, gas)	No (Not applicable)

Lower explosion limit	No test data available
Upper explosion limit	No test data available
Vapor Pressure	Not applicable
Relative Vapor Density (air = 1)	Not applicable
Relative Density (water = 1)	1.002 at 22 °C / 4 °C EC Method A3
Water solubility	Soluble
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	No test data available
Decomposition temperature	No test data available
Dynamic Viscosity	1.08 mPa.s@20°C (CIPAC MT192)
Kinematic Viscosity	No test data available
Explosive properties	Not explosive EEC A14 (similar material)
Oxidizing properties	No test data available

9.2 Other information

Liquid Density 1.002 g/cm³ at 22 °C Pycnometer

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:	no data available
10.2 Chemical stability:	Thermally stable at recommended temperatures and pressures.
10.3 Possibility of hazardous reactions:	Polymerization will not occur.
10.4 Conditions to avoid:	Some components of this product can decompose at elevated temperatures.
10.5 Incompatible materials:	Avoid contact with: Strong acids. Strong oxidizers.
10.6 Hazardous decomposition products:	Decomposition products depend upon temperature, air supply and the presence of other materials.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information on this product or its components appear in this section when such data is available.

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity	Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.
As product (by calculation):	LD50, rat, >4000 mg/kg
Acute dermal toxicity	Prolonged skin contact is unlikely to result in absorption of harmful amounts.
As product:	The dermal LD50 has not been determined.
For similar material(s):	LD50, rabbit, male and female, > 5,000 mg/kg
Acute inhalation toxicity	Prolonged excessive exposure may cause adverse effects. Excessive exposure may cause irritation to upper respiratory tract (nose and throat) and lungs. In humans, symptoms may include: Headache.
As product:	The LC50 has not been determined.

Components:

Triclopyr Triethylamine Salt:

Acute oral toxicity :	LD50 (Rat): > 2,000 mg/kg
Acute inhalation toxicity :	LC50 (Rat): > 2.6 mg/l
	Exposure time: 4 h
	Test atmosphere: dust/mist
	Symptoms: No deaths occurred at this concentration.
	Assessment: The substance or mixture has no acute inhalation toxicity
	Remarks: Maximum achievable concentration.
Acute dermal toxicity :	LD50 (Rabbit): > 2,000 mg/kg
	Assessment: The substance or mixture has no acute dermal toxicity

Product:

Skin corrosion/irritation

Serious eye damage/eye irritation

Components:

Triclopyr Triethylamine Salt:

Result : Eye irritation

Product:

Brief contact is essentially non-irritating to skin.
Does not meet criteria for classification as an eye irritant.

Sensitization	Did not demonstrate the potential for contact allergy in mice.
For respiratory sensitization:	No relevant data found.
Components:	
Triclopyr Triethylamine Salt:	Remarks: Did not demonstrate the potential for contact allergy in mice.
For respiratory sensitization:	No relevant data found
1,2-benzisothiazol-3(2H)-one:	Remarks: Classified as a cat.1 skin sensitiser at concentrations at or above 0.05%
Chronic toxicity	
Germ cell mutagenicity	
Components:	
Triclopyr Triethylamine Salt:	
Germ cell mutagenicity-	Assessment: In vitro genetic toxicity studies were negative.
Carcinogenicity	
Components:	
Triclopyr Triethylamine Salt:	
Carcinogenicity - Assessment :	For similar active ingredient(s), Triclopyr., Did not cause cancer in laboratory animals.
Reproductive toxicity	
Components:	
Triclopyr Triethylamine Salt:	
Reproductive toxicity – Assessment	For similar active ingredient(s). Triclopyr. In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals. Has been toxic to the foetus in laboratory animals at doses toxic to the mother., Did not cause birth defects in laboratory animals.
Specific Target Organ Systemic Toxicity (Single Exposure)	
Product:	
Assessment:	Evaluation of available data suggests that this material is not an STOT-SE toxicant.
Components:	
Triclopyr Triethylamine Salt: Assessment:	Evaluation of available data suggests that this material is not an STOT-SE toxicant.
Specific Target Organ Systemic Toxicity (Repeated Exposure)	
Components:	
Triclopyr Triethylamine Salt: Target Organ:	Kidney Assessment: May cause damage to organs through prolonged or repeated exposure.
Repeated dose toxicity	
Components:	
Triclopyr Triethylamine Salt:	Remarks: In animals, effects have been reported on the following organs: Kidney.
Aspiration Hazard	
Product	Based on physical properties, not likely to be an aspiration hazard.
Components:	
Triclopyr Triethylamine Salt:	Based on available information, aspiration hazard could not be determined.
11.2 Information on other hazards	
Endocrine disrupting properties	
Product: Assessment:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

12.1 Toxicity

Acute toxicity to fish	For similar material(s): LC50, <i>Oncorhynchus mykiss</i> (rainbow trout), semi-static test, 96 Hour, > 5000 mg/l, OECD Test Guideline 203 or Equivalent
Acute toxicity to aquatic invertebrates	For similar material(s): EC50, <i>Daphnia magna</i> (Water flea), 48 Hour, > 3000 mg/l, OECD Test Guideline 202 or Equivalent
Acute toxicity to algae/aquatic plants	For similar material(s): EbC50, <i>Pseudokirchneriella subcapitata</i> (green algae), 72 Hour, >1500 mg/l, OECD Test Guideline 201 or Equivalent

Ecotoxicology Assessment

Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	May cause long lasting harmful effects to aquatic life.

Components:

Triclopyr Triethylamine Salt:

Toxicity to fish:

Remarks: For similar material(s): Material is very toxic to aquatic organisms (LC50/EC50/IC50 below 1 mg/L in the most sensitive species).

LC50 (Cyprinus carpio (Carp)): 350 mg/l

Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): > 100 mg/l

Exposure time: 96 h

Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates:

EC50 (eastern oyster (Crassostrea virginica)): 56 - 87 mg/l

Exposure time: 48 h

Test Type: static test

Toxicity to algae/aquatic plants:

ErC50 (Pseudokirchneriella subcapitata (green algae)): 107mg/l

End point: Growth rate inhibition

Exposure time: 72 h

ErC50 (blue-green alga Anabaena flos-aquae): > 100 mg/l

Exposure time: 72 h

Test Type: Growth inhibition

EC50 (Lemna gibba): > 1,000 mg/l

Exposure time: 7 d

Test Type: Growth inhibition

ErC50 (Myriophyllum spicatum): 0.241 mg/l

Exposure time: 14 d

Remarks: For similar material(s):

Toxicity to terrestrial organisms:

Remarks: Material is practically non-toxic to birds on a dietary basis (LC50 > 5000 ppm).

Material is moderately toxic to birds on an acute basis (LD50 between 51 and 500 mg/kg).

oral LD50: 300 mg/kg bodyweight.

Species: Colinus virginianus (Bobwhite quail)

dietary LC50: 11622 mg/kg diet.

Species: Colinus virginianus (Bobwhite quail)

contact LD50: > 100 µg/bee

Exposure time: 48 h Species: Apis mellifera (bees)

Acute aquatic toxicity: Very toxic to aquatic life.

Chronic aquatic toxicity: Very toxic to aquatic life with long lasting effects.

Ecotoxicology Assessment

12.2 Persistence and degradability**Components:**

Triclopyr Triethylamine Salt

Biodegradability:

For similar active ingredient(s). Triclopyr. Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

12.3 Bioaccumulative potential**Components:**

Triclopyr Triethylamine Salt

Partition coefficient: n-octanol/water

For similar active ingredient(s). Bioconcentration potential is low (BCF <100 or Log Pow < 3).

12.4 Mobility in soil**Components:**

Triclopyr Triethylamine Salt

Distribution among environmental compartments

For similar active ingredient(s). Potential for mobility in soil is very high (Koc between 0 and 50).

12.5 Results of PBT and vPvB assessment**Product:**

Assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

Components:

Triclopyr Triethylamine Salt

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

Triclopyr Triethylamine Salt

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. Contact the authorized waste disposal services.

SECTION 14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport (ADR/RID):

- 14.1 UN number Not applicable
- 14.2 Proper shipping name Not regulated for transport
- 14.3 Class Not applicable
- 14.4 Packing group Not applicable
- 14.5 Environmental hazards Not considered environmentally hazardous based on available data.
- 14.6 Special precautions for user No data available.

Classification for SEA transport (IMO-IMDG):

- 14.1 UN number Not applicable
- 14.2 Proper shipping name Not regulated for transport
- 14.3 Class Not applicable
- 14.4 Packing group Not applicable
- 14.5 Environmental hazards Not considered as marine pollutant based on available data.
- 14.6 Special precautions for user No data available.
- 14.7 Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

- 14.1 UN number Not applicable
- 14.2 Proper shipping name Not regulated for transport
- 14.3 Class Not applicable
- 14.4 Packing group Not applicable
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions for user No data available.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): Not applicable
- REACH - List of substances subject to authorisation (Annex XIV): Not applicable
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable
- Regulation (EU) 2019/1021 on persistent organic pollutants (recast): Not applicable

SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: Not applicable

This product is approved under the EC (Authorisation, Placing on the Market, Use and Control of Plant Protection Products) Regulations for use as home garden weedkiller PCS No. 03956.

This product is approved under The Plant Protection Products Regulations 2011 and The Plant Protection Products Regulations (Northern Ireland) 2011 for use as home garden weedkiller MAPP 12597

15.2 Chemical Safety Assessment

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

SECTION 16. OTHER INFORMATION

Reason for revision:

Updated according to Regulation (EU) 2020/878; amended Sections 1, 2, 3, 6.2, 8.1, 9.1, 11, 12, 15 & 16. Replaces MSDS dated 12/11/2020

Full text of H-Statements

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Further information

Classification of the mixture:

Aquatic Chronic 4 H413

Classification procedure:

Based on similar product data or assessment

Legend

2000/39/EC Europe.

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Absorbed via skin

Absorbed via skin

GB EH40 UK.

EH40 WEL - Workplace Exposure Limits

STEL

Short-term exposure limit

TWA

8-hour, time-weighted average

SKIN, DSEN, BEI

Absorbed via Skin, Skin Sensitizer, Biological Exposure Indices

Aq. Acute

Short-term (acute) aquatic hazard

Aq. Chronic

Long-term (chronic) aquatic hazard

Acute tox

Acute toxicity

Eye Dam.

Eye damage

Eye Irrit.

Eye irritation

Flam. Liq.

Flammable liquids

Skin Irrit. 2

Skin irritation

Skin sens. 1

Skin sensitisation

STOT RE Specific target organ toxicity - repeated exposure

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing



SAFETY DATA SHEET

According to Regulation (EU) 2020/878
READY TO USE SBK BRUSHWOOD KILLER

Date of Issue: 01/11/2006
Revision: 02/12/2022
Revision No: 6

Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Disclaimer

This (M)SDS should be studied carefully and appropriate expertise consulted as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.