



SAFETY INFORMATION SHEET

Date of Issue: October 2016

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

- 1.1 Product Identifier:** VITAX GARDEN WEEDKILLER RTU
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Identified uses Home Garden weedkiller.
- 1.3. Details of the supplier of the safety data sheet**
Supplier Vitax Ltd, Owen Street, Coalville, Leics LE67 3DE United Kingdom
Tel: 01530 510060 email: info@vitax.co.uk
- 1.4. Emergency telephone number** +44 (0) 1530 510060 (Monday to Friday 9:00-17:00 GMT)

2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
CLASSIFICATION according to Directive EC 1272/2008 Classification, Labelling and Packaging
This mixture is not classified as dangerous to humans or the environment.
- 2.2 Label Elements**
There are no statutory labelling requirements under regulation 1272/2008 and regulation 453/2012.
- 2.3 Other Hazards**
Mixture not classed as PBT or vPvB. For the wording of risk and safety phrases refer to section 15.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients	CAS/EINECS	H Phrases	%w/w
Acetic acid	64-19-7/ 200-580-7	Flammable liquid, H226 Causes severe skin burns and eye damage, H314 Aquatic chronic 3, H412	6%

Additional information For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- General information:** Show this safety data sheet to the doctor. Remove any clothing soiled by the product.
- Inhalation** Supply fresh air or oxygen; call for doctor. If breathing is irregular or stopped, administer artificial respiration.
- Skin contact** Wash with plenty of soap and water.
- Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist or develop.
- Ingestion** Wash out mouth thoroughly, seek medical advice immediately, show label or container.
- 4.2 Most important symptoms and effects, both acute and delayed**
No information available.
- 4.3 Indication of any immediate medical attention and special treatment needed.**
No information available.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** The product is not directly flammable. Use CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- 5.2 Special Hazards arising from the substance or mixture**
Formation of toxic gases possible during heating or in fire: carbon monoxide (CO) and hydrocarbons.
- 5.3 Advice for fire-fighters** Put on self-contained breathing apparatus. Do not inhale explosion or combustion gases. Cool endangered containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected people away.
- 6.2 Environmental Precautions**
Inform respective authorities in case product reaches water or sewage system. Do not allow to enter drainage system, surface or ground water.
- 6.3 Methods and material for containment and cleaning up**
Absorb with liquid binding material (sand, diatomite, acid binder, universal binder, sawdust). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.



SAFETY INFORMATION SHEET

Date of Issue: October 2016

6.4 Reference to other sections	See Section 7 for safe handling, 8 for personal protection equipment, 13 for disposal information.
7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	Ensure good ventilation/exhaustion at the workplace. Wash hands before breaks and at the end of work. Information about protection against explosions and fires: Keep ignition sources away. Do not smoke. The product is not flammable.
7.2 Conditions for safe storage, including any incompatibilities	Storage: Requirements to be met by storerooms and containers: Keep container tightly sealed. Store in cool, dry place. Store only in original container. Information about storage in one common storage facility: Not required. Further information about storage conditions: Store under dry conditions. Protect from frost. Protect from heat and direct sunlight..
7.3 Specific end use(s)	Garden weedkiller.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1 Control Parameters	Components with limit values that require monitoring at the workplace: No data The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
8.2 Exposure controls	The usual precautionary measures should be adhered to general rules for handling chemicals. Avoid contact with the eyes and skin. Do not eat, drink or smoke while working. Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing. Keep out of reach of children. Keep children and pets away from treated areas until spray has dried.
Personal protective equipment	
Breathing equipment:	In the case of insufficient ventilation, breathing protection is recommended. Recommended filter device: Filter E
Protection of hands:	Protective gloves (rubber)
Eye protection:	Safety glasses
Body protection:	Protective work clothing.
9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance:	
Melting point or range:	Not determined
Danger of explosion:	Product is not explosive.
Form:	Liquid
Boiling point or range:	100°C
Density:	1.01 g/cm ³
Colour:	Colourless
Flash point:	Not applicable
pH-value at 20°C: (use concentration)	2.81
Odour:	Characteristic
Self-Inflammability:	Not self-igniting
Solubility/Miscibility (water)	Soluble in water
9.2 Other Information	Organic dust should be considered combustible
10. STABILITY AND REACTIVITY	
10.1 Reactivity	No decomposition if used according to specifications
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	No further relevant information available.
10.5 Incompatible materials	No further relevant information available.
10.6 Hazardous decomposition products	In fire conditions or when heated to high temperatures, toxic gases such as carbon monoxide and carbon dioxide may be released
11. TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	LD/LC50 values that are relevant for classification (from active substance):
Acute toxicity	
Oral LD50:	3310 mg/kg (rat)
Dermal LD50:	>2000 mg/kg (rat)
Inhalation LC50/4 h	> 40 mg/l (rat)



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Classification for formulated product

Skin Irritation:

Not classified.

Eye Irritation:

Not classified.

Sensitisation:

No sensitization effect known

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture Classified as not toxic to the environment

Aquatic toxicity (from active substance):

Fish LC50: >300 mg/l

Daphnia LC50: >300 mg/l

Algae EC50: >300 mg/l

12.2 Persistence and degradability

Not persistent in water, readily biodegradable.

12.3 Bioaccumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

Dangerous to bees. To protect bees and pollinating insects do not apply when crop plants and weeds are in flower. Do not use where bees are actively foraging. Avoid release to the environment. Do not allow product to reach groundwater, water bodies or sewage system.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste or used preparation:

Dispose of unused product in its container at a household waste site. Contact your local council (local authority).

Disposal of packaging:

Dispose of empty container in a dustbin.

14. TRANSPORT INFORMATION

14.1 UN number:

Product is unclassified for transport

14.2 UN proper shipping name:

Product is unclassified for transport

14.3 Transport hazard

Product is unclassified for transport

14.4 Packing group:

Product is unclassified for transport

14.5 Environmental hazards:

Product is unclassified for transport

14.6 Special precautions for user:

No information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

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

Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives

Hazard-determining components of labelling: Acetic acid

Precautionary (P) phrases:

102 Keep out of reach of children

270 Do not eat, drink or smoke when using this product

273 Avoid release to the environment

501 Dispose of contents in accordance with local regulations

15.2 Chemical Safety Assessment

CSA not undertaken for this substance

16. OTHER INFORMATION

R Phrases referenced in section 3:

H226 Flammable liquid

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects

SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience. This Safety Data Sheet is prepared in compliance with regulation 1272/2008 and Annex I of the REACH regulation 453/2010. The information given herein is, to the best of our knowledge, correct and is presented in good faith but no warranty, expressed or implied is given.