

VITAX SAFETY INFORMATION SHEET

Date of Issue: 01/09/2013

Revision: 01/09/2013

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

Name of Product: VITAX WEEDFREE READY TO USE

Use of the Substance/Preparation: 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

2. HAZARDS IDENTIFICATION

Classification: Not classified as dangerous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: Suspension Liquid

Hazardous Ingredients: Hazardous ingredients (according to Directive 1999/45/EC)

INGREDIENT	CAS/EINECS	R Phrases	% w/w
Glyphosate	1071-83-6/213-997-4	Xi. R41; N, R51/53	0.72%

For specific risk phrases refer to section 16.

4. FIRST AID MEASURES

General Information: Show this safety data sheet to the doctor. Remove any clothing soiled by the product.

After Inhalation: Supply fresh air or oxygen, call for doctor. If breathing is irregular or stopped, administer artificial respiration.

After Skin Contact: The product is not skin irritating.

After Eye Contact: Rinse opened eye for several minutes under running water. Then consult doctor.

After Swallowing: In case of persistent symptoms consult doctor. If swallowed, do not induce vomiting, seek medical advice immediately, show label or container.

Information For Doctor: No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing Media: CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol resistant foam.

Hazardous Combustion Products: Formation of toxic gases possible during heating or in fire: nitrogen oxides (NO_x), carbon monoxide (CO), sulphur dioxide (SO₂). Under certain conditions traces of other toxic gases cannot be excluded.

Protective Equipment: Put on self-contained breathing apparatus. Do not inhale explosion or combustion gases.

Additional Information: Cool endangered containers with water spray. Keep upwind. Dispose of fire debris and contaminated water in accordance with official regulations.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective equipment. Keep unprotected people away.
Environmental Precautions: Inform respective authorities in case product reaches water or sewage system. Do not allow to enter drainage system, surface or ground water.
Spillages: 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.

7. HANDLING & STORAGE

Handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols, work only in fume cupboard.
Storage: Keep container tightly sealed. Store in a cool, dry place. Store only in original container. Store under dry conditions. Protect from frost. Protect from heat and direct sunlight. Keep ignition sources away. Do not smoke. This product is not flammable.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines: The product does not contain any relevant quantities of materials with critical values to be monitored in the workplace.

Personal Protection Equipment: The usual precautionary measures should be adhered to general rules for handling chemicals. Avoid contact with eyes and skin. Do not eat, drink or smoke while working. Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing. Wash hands during breaks and at the end of work. Breathing protection is recommended. Recommended filter device: Filter P1.
Protection of hands: Protective gloves (rubber)
Eye protection: Safety glasses
Body protection: Protective work clothing

9. PHYSICAL & CHEMICAL PROPERTIES

Form	liquid
Colour	colourless
Odour	characteristic
Melting point or range	not determined
Boiling point or range	105°C
Flash point	not applicable
Self-inflammability	not self-igniting
Danger of explosion	product is not explosive
Density	1.01 g/cm ³
pH-value at 20°C	4.86 (1% aqueous)
Solubility/Miscibility (water)	soluble in water

10. STABILITY & REACTIVITY

Stability: No decomposition if used according to specifications.
Conditions to Avoid: No further relevant information available.
Materials to Avoid: None
Hazardous Decomposition Products: Thermal decomposition products may include toxic and corrosive fumes of chlorides and toxic oxides of nitrogen.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD/LC50 values relevant for classification (from higher concentration product): Oral: LD50 (rat): 5000 mg/kg Dermal LD50 (rat): > 5000 mg/kg Active substance Inhalation LC50/4 h > 5.7 mg/l (rat)
Skin Irritation:	No irritant effect
Eye Irritation:	Non irritant
Sensitisation:	No sensitisation effect known

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	(From higher concentration product) Fish LC50: >100 mg/l Daphnia: LC50: >100 mg/l Algae: EC50: >100 mg/l
Other Toxicity:	Bird LC50: > 3851 mg/kg Bee LD50: > 100 µg/bee
Persistence and Degradability:	Not persistent in water, moderately persistent in soil.
Bioaccumulative Potential:	Does not bioaccumulate.
Mobility in Soil:	Strongly absorbs to soil. Do not allow product to reach ground water, water bodies or sewage system.

13. DISPOSAL CONSIDERATIONS

Waste or used preparation:	Use specialist waste contractor in accordance with local regulations. Do not contaminate ponds, waterways and ditches with product or used container.
Disposal of packaging:	Use specialist waste contractor in accordance with local regulations. Do not dispose in household rubbish. Do not re-use empty containers.

14. TRANSPORT INFORMATION

Transport/Further Information:	UN Number (ADR, IMDG ,IATA)	-
	Proper shipping name (ADR, IMDG ,IATA)	-
	Hazard class (ADR, IMDG ,IATA)	-
	Marine pollutant:	
	Special marking (ADR)	-
	Special precautions (user)	-
	Kemler number	-
	EMS number	-

15. REGULATORY INFORMATION

Hazard determining components:	Glyphosate
Safety Phrases:	S2 - Keep out of reach of children S13 - Keep away from food, drink and animal feeding stuffs S20/21 - When using do not eat, drink or smoke S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. S35 - This material and its container must be disposed of in a safe way S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection S46 - If swallowed, seek medical advice and show this container or label S57 - Use appropriate container to avoid environmental contamination

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16. OTHER INFORMATION

Risk phrases in Section 3

R41 Risk of serious damage to eyes

R51/53 – Toxic 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).