

Date of issue: 04.02.2020 Replaces Data Sheet of: ---

"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
 Trade Name: Trixie Parasitic Pest Spray, 100 ml
 Article No.: 505.1, 6030
 Preparation No.: Rep_012 rev 4
 Registration No.: N-86426
 UFI - Code: n.av.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
 Identified uses: Biocidal product
- 1.3 Details of the supplier of the safety data sheet
- 1.3.1 Address of the Company / Supplier:
 Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, D -
 Telephone: +49-5205-91 49-0, Telefax: +49-5205-91 49-49, E-Mail: info@reckhaus.com
- 1.3.2 Responsible for the data sheet:
 Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, info@reckhaus.com
- 1.4 Emergency telephone number
 Emergency - Telephone of Company / Undertaking National Poisons InformationService
 Telephone: +49-5205-9149-0(8:30-16:30) Telephone: +44 121 507 4123

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
 n.ap.
- 2.2 Label elements
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Hazard pictogram(s):
 Component(s):
 H - Phrases:
 P - Phrases:
 P102: Keep out of reach of children.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 Additional Markings:
 EUH208: Contains GERANIOL. May produce an allergic reaction.
 The above mentioned labelling is valid for distribution to public use.
- 2.3 Other hazards
 This mixture contains no substances which are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

n.ap.

3.2 Mixtures

Chemical Characterisation:
 aqueous solution, Biocidal product type
 Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
Geraniol 106-24-1 Skin Irrit. 2; H315 / Skin Sens. 1; H317 / Eye Dam. 1; H318	n.av.	203-377-1	01-2119552430-49-xxxx	0,155%

Text of H - phrases: see section 16

m% - range: x - y \triangleq x \geq - < y

Trade Name: Trixie Parasitic Pest Spray, 100 ml
Company / Supplier: Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, D -
Telephone: +49-5205-91 49-0, Date of issue: 04.02.2020 Replaces Data Sheet of: ---

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- 4.1.1 Inhalation:
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
Consult a physician if necessary.
- 4.1.2 Skin Contact:
Wash with water and soap as a precaution. In the case of skin irritation or allergic reactions see a physician.
- 4.1.3 Eye Contact:
Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
- 4.1.4 Ingestion:
Clean mouth with water and afterwards drink plenty of water. Consult a physician for severe cases.
- 4.2 Most important symptoms and effects, both acute and delayed
n.av.
- 4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.
First aid measures refer to professional use

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- 5.1.1 Suitable Extinguishing Media:
Use dry chemical, CO₂, water spray or "alcohol" foam.
- 5.1.2 Extinguishing Media to Avoid:
None.
- 5.2 Special hazards arising from the substance or mixture
In the event of fire the following can be released: carbon dioxide (CO₂)
- 5.3 Advice for firefighters
- 5.3.1 Special Protective Equipment:
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 Additional Information:
The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
See chapter 8.2.2
Contaminated surfaces will be extremely slippery.
- 6.2 Environmental precautions
Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 Methods and material for containment and cleaning up
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- 6.4 Reference to other sections
None.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
- 7.1.1 Precautions for Safe Handling:
Avoid contact with skin and eyes. Take off all contaminated clothing immediately.
When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
- 7.1.2 Precautions in Case of Fire and Explosion:
None.
- 7.2 Conditions for safe storage, including any incompatibilities
- 7.2.1 Storage Instructions:
Jointless smooth floor
- 7.2.2 Store away from:
Incompatible with oxidizing agents.
- 7.2.3 Further Information on Storage Conditions:
None.
- 7.3 Specific end use(s)
n.av.

Trade Name: Trixie Parasitic Pest Spray, 100 ml
 Company / Supplier: Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, D -
 Telephone: +49-5205-91 49-0, Date of issue: 04.02.2020 Replaces Data Sheet of: ---

SECTION 8: Exposure controls/personal protection

8.1	Control parameters		
	Material		Limit Value
8.2	Exposure controls		
8.2.1	Appropriate engineering controls	Provide for appropriate exhaust ventilation and dust collection at machinery.	
8.2.2	Individual protection measures		
8.2.2a	Respiratory Protection:	No.	
8.2.2b	Hand Protection:	Protective gloves complying with EN 374. (rubber gloves, Break through time > 4h. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.	
8.2.2c	Eye Protection:	No.	
8.2.2d	Skin Protection:	No.	
8.2.2 e	Further Information:	Observe wearing time limits:	
8.2.3	Environmental exposure controls:	n.av.	

SECTION 9: Physical and chemical properties

9.1	Information on basic physical and chemical properties		
9.1.1	Form: liquid	Colour: cloudy	Odour: characteristic Odour threshold: n.av.
9.1.2	pH-value, undiluted:	n.av.	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	~ 100, Melting point / Melting range (°C):	n.av.
9.1.4	Flash point (°C):	n.ap., closed cup	
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	n.ap.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	n.ap.	
9.1.10	Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	~ 1	
9.1.13	Solubility (in Water):	miscible	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
9.1.16	Solvent content (m %):	n.ap.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information	n.av.	

Trade Name: Trixie Parasitic Pest Spray, 100 ml
 Company / Supplier: Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, D -
 Telephone: +49-5205-91 49-0, Date of issue: 04.02.2020 Replaces Data Sheet of: ---

SECTION 10: Stability and reactivity

- 10.1 Reactivity
None.
- 10.2 Chemical stability
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.
- 10.4 Conditions to avoid
No special precautions required.
- 10.5 Incompatible materials
None.
- 10.6 Hazardous decomposition products
No decomposition if used as directed.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
Acute Health Effects:
- | | |
|------------------------------------|-----------------------------------|
| Inhalation: | n.av. |
| Ingestion: | n.av. |
| Skin Contact: | n.av. |
| Skin corrosion / irritation: | n.av. |
| Serious eye damage / irritation: | n.av. |
| Respiratory or skin sensitisation: | May produce an allergic reaction. |
| Germ cell mutagenicity: | n.av. |
| Carcinogenicity: | n.av. |
| Reproductive toxicity: | n.av. |
| STOT-single exposure: | n.av. |
| STOT-repeated exposure: | n.av. |
| Aspiration hazard: | n.av. |
- 11.1.1 – Practical Experience
- 11.1.11 n.av.
- 11.1.12 Practical Experience
Observations relevant for classification:
None.
Further Observations:
None.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

- 12.1 Toxicity
This product has no known eco-toxicological effects.
- 12.2 Persistence and degradability
Inherently biodegradable.
- 12.3 Bioaccumulative potential
May cause long-term adverse effects in the aquatic environment.
- 12.4 Mobility in soil
n.av.
- 12.5 Results of PBT and vPvB assessment
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 Other adverse effects
- | | |
|--------------------------------|-------|
| 12.6.1 COD-Value, mg/g: | n.av. |
| 12.6.2 BOD5-Value, mg/g: | n.av. |
| 12.6.3 AOX-Remarks: | n.ap. |
| 12.6.4 Significant Components: | None. |
| 12.6.5 Other adverse effects: | None. |

Trade Name: Trixie Parasitic Pest Spray, 100 ml
 Company / Supplier: Reckhaus GmbH & Co KG, Industriestraße 53, 33689 Bielefeld, D -
 Telephone: +49-5205-91 49-0, Date of issue: 04.02.2020 Replaces Data Sheet of: ---

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 13.1.1 Recommendation: D 10 / R 2
 Waste - Code - No.: 07 06 99
 The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
 In addition comply with the regional authorities.
- 13.2 Contaminated Packaging
 13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
 Offer rinsed packaging material to local recycling facilities.
- 13.2.2 Safe Handling: As described under Residues.
 Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR Not classified as dangerous in the meaning of transport regulations.	IMDG Not classified as dangerous in the meaning of transport regulations.	IATA Not classified as dangerous in the meaning of transport regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 n.av.
- 15.2 Chemical safety assessment :
 n.ap.

SECTION 16: Other information

Text of H phrases mentioned in Section 3
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.

This datasheet has been compiled in accordance with EU regulation 2015/830.
 The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.
 Receipt of Data: 29.01.2020, vsm_0224_a