

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 09.04.2015

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** TRICO**1.2 Relevant identified uses of the substance or mixture and uses advised against**
Application of the substance / the mixture Deer repellent**1.3 Details of the supplier of the safety data sheet**Kwizda Agro GmbH
Universitätsring 6, A-1010 Vienna
Tel.: +43 (0) 59977 10**1.4 Further information obtainable from:**Manufacturing plant Kwizda Leobendorf, Tel: +43 (0) 59977 40
E-Mail: lw.leobdf@kwizda-agro.at**Information in case of emergency:** Call local emergency information.**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void**Classification system:**

The classification complies with the actual legally binding EU Directives and is supplemented by company and literature data.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is labelled in accordance with the national authorisation (Austrian plant protection law 1997 and 2011).

Hazard pictograms Void**Signal word** Void**Hazard statements** Void**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P262 Do not get in eyes, on skin, or on clothing.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves.

P501 Dispose of contents/container properly.

Special labeling of certain mixtures:

SP 1 Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Keep out of the reach of children and domestic animals.

Avoid unnecessary contact with the product. Misuse can lead to injury of health.

Do not use original packaging or empty containers for other purposes.

Avoid release to the environment.

Additional information:

Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use.

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2.3 Other hazards**Results of PBT and vPvB assessment***The product contains no substances classified as PBT or vPvB.***SECTION 3: Composition/information on ingredients****3.2 Mixtures***Description: Emulsion (oil-in-water) based on sheepfat.**Dangerous components: Void***SECTION 4: First aid measures**

First aid

4.1 Description of first aid measures*After inhalation: Supply fresh air; consult doctor in case of complaints.***After skin contact:***Instantly wash with water and soap and rinse thoroughly.**If symptoms persist, seek medical advice.***After eye contact:***Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing: If symptoms of indisposition persist, seek medical advice.***4.2 Most important symptoms and effects, both acute and delayed***No further relevant information available.***4.3 Indication of any immediate medical attention and special treatment needed***Symptomatic treatment.***SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:***The product itself is not combustible. Use fire extinguishing methods suitable to surrounding conditions.***5.2 Special hazards arising from the substance or mixture***No further relevant information available.***5.3 Advice for firefighters****Protective equipment:***Regarding the product no special protective equipment is necessary. Use protective equipment suitable to the situation.***Additional information***Fire residues and contaminated fire fighting water must be disposed of in accordance with local regulations.*

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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Please notice instructions for person-related safety precautions, wear protective equipment (see 8.)
Avoid contact with skin and eyes.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid or universal binders, sawdust).
Collect for recovery or disposal in suitable receptacles.

Additional information: Never return spills in original containers for re-use.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

While handling pay attention to the usually precaution for chemicals.

Comply with instructions for use.

Avoid eye and skin contact with the product.

Wash hands before break and at the end of work.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Store product in a well ventilated, cool, dry and frost-protected place in tightly sealed original packaging.

Information about storage in one common storage facility:

Do not store food, beverages and animal feeding stuffs in the storage area.

Further information about storage conditions:

Keep out of the reach of children and domestic animals.

Please close opened receptacles tightly again.

Recommended storage temperature: 0 °C to +30 °C

Additional information:

After opening left over quantities should be used as soon as possible.

Do not fill back already taken amounts into the original package.

7.3 Specific end use(s) Plant protection product according to Regulation (EC) No 1107/2009

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on actual legally binding lists.

8.2 Exposure controls**Personal protective equipment****General protective and hygienic measures:**

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy.

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Remove contaminated clothing and wash carefully before reuse.

Respiratory protection: Not necessary in compliance with instructions for use.

Protection of hands:



Rubber gloves

Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

Do not allow to enter sewers/ surface or ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Form:	Fluid
Colour:	Whitish milky
Odour:	Slightly rancid.
Odour threshold:	No data available

pH: ca. 7.9 (CIPAC MT 75.2)

Change in condition

Melting point/freezing point:	Not available
Boiling point/boiling range:	100 °C

Flash point:	Not determinable (method: EEC A.9)
Flammability (solid, gas):	Not relevant.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
Oxidising properties:	The product has no oxidizing properties.

Vapour pressure:	No data available.
Evaporation rate:	No data available.
Vapour density:	No data available.

Relative density at 20 °C: ca. 1.0 (EEC A3)

Solubility in / Miscibility with water:

Dispersible.

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Partition coefficient (n-octanol/water): No data available.**Viscosity****Dynamic:** Not relevant.**Kinematic:** Not relevant.**9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.**10.2 Chemical stability** Stable at ambient temperature and under normal conditions of use.**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used according to specifications.

10.4 Conditions to avoid No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No known hazardous reactions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects**Acute toxicity****LD/LC50 values relevant for classification:**

There are no product specific data on toxicology available.

Primary irritant effect:**on the skin:** No irritant effect.**on the eye:** Not irritant.**Sensitisation:** Non-sensitizing.**Additional toxicological information:**

According to our experiences and according to the available information the product does not have any harmful effects if used in accordance with the use instructions.

Repeated dose toxicity No data available.**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No data available.

SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:**

EC50/48h	>100 mg/l (water flea, <i>Daphnia magna</i>)
EbC50/72h	>100 mg/l (alga, <i>Selenastrum capricornutum</i>)
ErC50/72h	>100 mg/l (alga, <i>Selenastrum capricornutum</i>)
LC50/96h	>100 mg/l (zebrafish, <i>Danio rerio</i>)

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.

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Additional ecological information**Effects on beneficial organisms:****Toxicity for bees:**

The tested concentration in the bee- toxicity tests complies with the maximum possible amount (= undiluted product).

LD50/contact	>63 µg a.s./Biene (bee)
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LD50/oral	>63 µg a.s./Biene (bee)
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Earthworms:

LC50/14d	>1000 mg/kg soil (earthworm, <i>Eisenia fetida</i>)
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Further beneficials:

In extended laboratory tests with predatory mites (*Typhlodromus pyri*) and parasitic wasps (*Aphidius rhopalosiphii*) the product proved not to be harmful.

12.5 Results of PBT and vPvB assessment

The product contains no substances classified as PBT or vPvB.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation**

Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet, hand over to hazardous waste disposers.

Uncleaned packaging:

Recommendation: Do not re-use container for any purpose.

SECTION 14: Transport information

14.1 UN-Number

ADR	Void
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14.2 UN proper shipping name

ADR	Void
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14.3 Transport hazard class(es)

ADR	Void
Class	

14.4 Packing group

ADR	Void
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14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not required.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation":

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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:** -**Classification according to VbF:** Void**Waterhazard class:** Generally not hazardous for water.**15.2 Chemical safety assessment:**

The mixture is registered as a plant protection product under Regulation (EC) No. 1107/2009.
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

vPvB: very persistent and very bioaccumulative properties

LC50: Lethal Concentration, 50 percent

EC50: maximal Effective Concentration, 50 percent

EbC50: Median effective concentration for biomass (algae)

ErC50: Median effective concentration for growth rate (algae)

a.s.: active substance

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

Data compared to the previous version altered.

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Section 7