

Material Safety Data Sheet According to 91/155 EC

Printing date 28.02.2002

Reviewed on 27.02.2002

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** *Dinitrol 7253 Insektenentferner*

· **Manufacturer/Supplier:**

EFTEC GmbH Pyrmonterstr. 76 D-32676 Lügde
DINOL AB, Box 149, S-28122 Hässleholm, SWEDEN

· **Further information obtainable from:** Tel. +49(0)5281 98298 0, FAX +49(0)5281 98298 60

· **Information in case of emergency:**

+49(0)30 19240 Beratungsstelle für Vergiftungserscheinungen, D-Berlin

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

85711-69-9	Sulfonsäure, C 13-17-sec-Alkan-, Natriumsalze	☒ Xn; R 22	2.5-10%
112-34-5	2-(2-butoxyethoxy)ethanol	☒ Xi; R 36	2.5-10%
69011-36-5	Isotridecaanol, 3-5 EO	☒ Xn; R 22-36/38	£ 2.5%

3 Hazards identification

· **Hazard description:** Not applicable.

· **Information concerning particular hazards for human and environment:** Not applicable.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

· **General information:** No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **Information for doctor:**

· **The following symptoms may occur:**

Gastric or intestinal disorders

Nausea

· **Treatment** If swallowed or in case of vomiting, danger of entering the lungs.

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5 Fire-fighting measures

- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Carbon monoxide (CO)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Class according to regulation on flammable liquids:** Void

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

- **Form:** Liquid

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· Colour:	Clear
· Odour:	Characteristic
· Change in condition Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C
· Flash point:	Not applicable.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Vapour pressure at 20°C:	23 hPa
· Density at 20°C:	1.02 g/cm ³
· Solubility in / Miscibility with water:	Fully miscible.
· pH-value at 20°C:	10
· Viscosity:	
Kinematic at 20°C:	14 s (DIN 53211/4)
· Solvent content:	
Organic solvents:	3.2 %
Water:	82.3 %
· Solids content:	14.5 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is biodegradable.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.

- **European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
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07 01 01	aqueous washing liquids and mother liquors
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07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

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- *National regulations:*
- *Classification according to VbF: Void*
- *Technical instructions (air):*

Class	Share in %
Wasser	50-100
II	2,5-10

- *Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.*

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.

- *Department issuing MSDS: Entwicklung*
- *Contact: Herr H. Pfau*

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