

EC safety data sheet

Trade name
Release Agent VP 124 – 0114-014871& 0114-016100
Product no.: 0114-014871 Version : 1 / GB

Status: 31.03.2014

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1) Identification of the substance/preparation and company

Product details:

Trade name: Trennmittel VP 124
Use: chemical intermediate

Identification of the manufacturer / supplier:

Address:
RITTER CHEMIE
Stendorfer Str. 3
D-27721 Ritterhude
Telephone no.: +49 (0)4292 / 816350
Fax no.: +49 (0)4292 / 816359

Information provided by / telephone:
+49 (0)4292 / 816350 (Hr. Wiese)

Emergency telephone number :
+49 (0)4292 / 816350

2) Composition / information on ingredients

Compoments:

Glycerol
Concentration: >=80,00%-<=90,00%
CAS No.: 56-81-5 **EC-No.:** 200-289-5

3) Hazards identification

Other information

The product does not need to be labelled in accordance with EC directives or respective national laws. Health injuries are not known or expected under normal use.

4) First aid measures

General Advise:

Take off all contaminated clothing immediately

Skin contact:

Wash off immediately with soap and plenty of water

Eye contact:

Rinse thoroughly with plenty of water, also under the eyelids.
If symptoms persist, call a physician.

Ingestion:

Rinse mouth, ingest activated charcoal. Consult a physician.

Notes to physician:

Symptoms: Stomach/intestinal disorders

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5) Fire-fighting measures

Suitable extinguishing media:

In case of fire, use foam, powder, carbon dioxide or water spray. So not use water jet.

Specific hazards during fire fighting:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire fighters:

In the event of fire, wear self-contained breathing apparatus.

Additional advice:

Cool closed containers exposed to fire with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6) Accidental release measures

Personal precautions:

Use personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes. Do not inhale gas/smoke/vapour/aerosol.

Environmental precautions:

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

Methods for cleaning up/taking up:

Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Treat recovered material as described in the section "Disposal considerations"! After cleaning, flush away traces with water.

7) Handling and storage

Handling

Advice on safe handling:

Keep containers tightly closed. Vapours are heavier than air and may spread along floors. Provide sufficient air exchange an/or exhaust in work rooms. Avoid inhalation of vapour or mist.

Advice on protection against fire and explosion:

No naked lights, no smoking.

Storage

Requirements for storage rooms and vessels:

Jointless smooth floor. Keep away from heat and sources of ignition. Keep in a dry, cool And well-ventilated place.

German storage class:

10: Comustible liquids.

Other data:

No decomposition if stored an applied as directed.

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8) Exposure controls / personal protection

Components with workplace control parameters:

Not applicable.

Personal protective equipment:

Respirator protection:

Breathing apparatus needed only when aerosol or mist is formed. Recommended Filter type: A

Hand protection:

gloves

Material	strengh of material	Break trough time
butyl-rubber	0,5 mm	> 480 min
nitrile rubber	0,35 mm	> 480 min
Fluorinated rubber	0,4 mm	> 480 min

Eye protection:

safety glasses

Body protection:

protective suit

Hygiene measures:

Take off all contaminated clothing immediately. Do not inhale gas/smoke/vapour/aerosol. Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

9) Physical and chemical properties

General information

Form: viscous
Colour: colourless
Odour: odourless

Safety data:

Boiling point/range: > 130 °C
Flash point: ca. 180 °C
Ignition temperature: ca. 370 °C
Explosive properties: Product is not explosive
Vapour pressure: 6hPa;20°C
Density: 1,23 – 1,27 g/cm³; 20°C
Water Solubility: completely miscible
pH: 7;20°C
Viscosity, dynamic: 150 mPa.S;20 °C

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10) Stability and reactivity

Materials to avoid: strong oxidizing agents

General advice: No decomposition if stored and applied as directed. Keep away from heat and sources of ignition.

11) Toxicological information

Ingestion: Glycerol LD50 rat 12.600 mg/kg
Skin Absorption: Glycerol LD50 rabbit > 18.700 mg/kg
Skin contact: May cause skin irritation in susceptible persons
Eye contact: May have irritant effect on eyes
Sensitisation: No sensitizing effect known.
Further information: All numerical values for acute toxicity are calculated on the pure substances. Handle in accordance with good industrial hygiene and safety practice.

12) Ecological information

Elimination information (persistence and degradability):

Biodegradability: Readily biodegradable
Toxicity to fish: Glycerol: LD 50 Leuciscus idus (Golden orfe) > 10.000 mg/l

Toxicity to daphnia: Glycerol:
LC50 Daphnia magna > 10.000 mg/l

Further information on ecology:

Additional ecological Information: All numerical values for ecotoxicity effects are calculated on the pure substances. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system

13) Disposal considerations

Product: Disposal together with normal waste is not allowed. The product should not be allowed to enter drains, water courses or the soil. Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

Packaging: Risk of explosion. Do not burn, or use a cutting torch on, the empty drum. Empty contaminated packagings thoroughly. The can be recycled after Thorough an proper cleaning. Rinse with plenty of water.

European Waste: No waste code according to the European Waste Catalogue.

Catalogue No.: can be assigned for this product, as the intended use dictates the assignment.

The waste code is established in consultation with the regional disposes.

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14) Transport information

ADR: Not dangerous goods
RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

15) Regulatory information

Labelling in accordance with EC directives

The product does not need to be labelled in accordance with EC directives or Respective national laws.

National legislation:

WGK (DE): WGK1; slightly water endangering; Classification accordance VwVwS of 17 May 1999, Annex 2

Major Accident Hazard: Does not fall under the German StörfallV Legislation

Regulation: Occupational restrictions. Take note of Dir 92/85/EEC on the Safety and health of pregnant workers at work and of Dir 94/33/EC on the protection of your people at work.

16) Other information

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and believe at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety data sheet only contains information relating to safety and does not replace any product information or product specification.

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