



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

Printing date 04.05.2023

Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

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

- **Product identifier**
- **Trade name:** Oilfino Geran100
- **Article number:** 6581000
- **CAS Number:**
64742-54-7
- **EC number:**
265-157-1
- **Index number:**
649-467-00-8
- **Registration number** 01-2119484627-25-XXXX
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** For industrial use
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
oilfino Mineralöl GmbH
Werkstr. 12
D- 25497 Prisdorf
info@oilfino.com
Tel.: +49 (0) 4101 / 79900
www.oilfino.com
- **Further information obtainable from:** Sales
- **Emergency telephone number:**
Poison Information Centre North (Göttingen)
Phone +49 (0)551-19240

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the GB CLP regulation.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
EUH 208: Contains polysulfides, di-tert-Bu. May produce an allergic reaction.

(Contd. on page 2)



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Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 1)

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Substances**
- **CAS No. Description**
64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic
- **Identification number(s)**
- **EC number:** 265-157-1
- **Index number:** 649-467-00-8
- **Additional information:**
The classification as a carcinogen is not obligatory if it can be shown that the mineral oils contained in the substance/mixture contain less than 3 % DMSO extract measured according to method IP 346.

Dangerous components:

CAS: 68937-96-2	polysulfides, di-tert-Bu	≥0.1-<1%
EINECS: 273-103-3	Skin Sens. 1, H317; Aquatic Chronic 3, H412	
Reg.nr.: 01-2119540515-43		

SECTION 4: First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Generally the product does not irritate the skin.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

GB

(Contd. on page 3)



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

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Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 2)

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
Foam
Sand
Water haze
CO₂, powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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

- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **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.
- **Storage class (TRGS):** 6.1 C
- **Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)



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

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Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 3)

SECTION 8: Exposure controls/personal protection

- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.

- **DNELs**

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Inhalative	DNEL long-term - inhalation local effects	5.4 mg/m ³ (Worker) 1.2 mg/m ³ (general public)
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- **PNECs**

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

PNEC secondary poisoning	9.33 mg/kg KG/d (Aquatic organisms)
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- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:** Not required.

- **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

- **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.

(Contd. on page 5)



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

Printing date 04.05.2023

Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 4)

· Eye/face protection

Tightly sealed goggles

SECTION 9: Physical and chemical properties**· Information on basic physical and chemical properties****· General Information****· Physical state**

Fluid

· Colour:

Light brown

· Odour:

Characteristic

· Odour threshold:

Not determined.

· Melting point/freezing point:

Undetermined.

· Boiling point or initial boiling point and boiling range

Undetermined.

· Flammability

Not applicable.

· Lower and upper explosion limit**· Lower:**

Not determined.

· Upper:

Not determined.

· Flash point:

240 °C

· Decomposition temperature:

Not determined.

· pH

Not determined.

· Viscosity:**· Kinematic viscosity at 40 °C**34 mm²/s**· Dynamic:**

Not determined.

· Solubility**· water:**

Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log value)

Not determined.

· Vapour pressure:

Not determined.

· Density and/or relative density**· Density at 20 °C:**0.89 g/cm³**· Relative density**

Not determined.

· Density (@15°C)

Not determined.

· Vapour density

Not determined.

(Contd. on page 6)



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Trade name: Oilfino Geran100

(Contd. of page 5)

· Other information**· Appearance:****· Form:** Fluid**· Important information on protection of health and environment, and on safety.****· Ignition temperature:** Not determined.**· Explosive properties:** Product does not present an explosion hazard.**· Solvent content:****· VOC (EC)** 0.00 %**· Solids content:** 0.0 %**· Change in condition****· Softening point/range****· Pour point** <-6 °C**· Evaporation rate** Not determined.**· Information with regard to physical hazard classes****· Explosives** Void**· Flammable gases** Void**· Aerosols** Void**· Oxidising gases** Void**· Gases under pressure** Void**· Flammable liquids** Void**· Flammable solids** Void**· Self-reactive substances and mixtures** Void**· Pyrophoric liquids** Void**· Pyrophoric solids** Void**· Self-heating substances and mixtures** Void**· Substances and mixtures, which emit flammable gases in contact with water** Void**· Oxidising liquids** Void**· Oxidising solids** Void**· Organic peroxides** Void**· Corrosive to metals** Void**· Desensitised explosives** Void

GB

(Contd. on page 7)



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

Printing date 04.05.2023

Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 6)

SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50 (4h)	5.53 mg/l (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

- **Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

GB

(Contd. on page 8)



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

Printing date 04.05.2023

Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 7)

SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	NOEC	10 mg/l (daphnia)
	LC50 (96h)	>100 mg/l (Fish)
	EC50 (48h)	>1,000 mg/l (daphnia)

· **Persistence and degradability**

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	3 %
68937-96-2	polysulfides, di-tert-Bu	13 (28d) %

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **Other adverse effects** No further relevant information available.

· **Additional ecological information:**

· **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.

Self-classification according to Annex 1 (to § 4 paragraph 1, § 8 paragraph 1 and § 10 paragraph 2) of the Ordinance on Facilities for Handling Substances Hazardous to Water 1, 2 (AwSV).

SECTION 13: Disposal considerations

· **Waste treatment methods**

· **Recommendation** Smaller quantities can be disposed of with household waste.

· **European waste catalogue**

13 01 10*	mineral based non-chlorinated hydraulic oils
15 01 10*	packaging containing residues of or contaminated by hazardous substances

(Contd. on page 9)



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

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Version number 2.0 (replaces version 1.4)


Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 8)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· UN number or ID number	
· ADR, IMDG, IATA	UN3287
· UN proper shipping name	
· ADR	3287 TOXIC LIQUID, INORGANIC, N.O.S.
· IMDG, IATA	TOXIC LIQUID, INORGANIC, N.O.S.
· Transport hazard class(es)	
· ADR, IMDG, IATA	
	
· Class	6.1 Toxic substances.
· Label	6.1
· Packing group	
· ADR, IMDG, IATA	III
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Toxic substances.
· Hazard identification number (Kemler code):	60
· EMS Number:	F-A,S-A
· Stowage Category	A
· Stowage Code	SW2 Clear of living quarters.
· Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000

(Contd. on page 10)



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

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Version number 2.0 (replaces version 1.4)

Revision: 04.05.2023

Trade name: Oilfino Geran100

(Contd. of page 9)

·	ml
· Transport category	2
· Tunnel restriction code	E

· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3287 TOXIC LIQUID, INORGANIC, N.O.S. 6.1, III

SECTION 15: Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed)**

None of the ingredients is listed.

· **Directive 2004/42/EC**

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** Substance is not listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations:**

· **VOC (EU)** 0.0 g/l

(Contd. on page 11)



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Trade name: Oilfino Geran100

(Contd. of page 10)

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Disclaimer**

This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.

- **Relevant phrases**

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

- **Contact:** MSDS authorized Person

- **Version number of previous version:** 1.4

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3