

EC-Safety Data Sheet

conforming to 1907/2006/EG, Article 31

Wunsch Grundöl E 12

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1 product and company identification

Application:

name of substance: Wunsch Grundöl E 12

Manufacturer/Supplier: Wunsch Öle GmbH, Halskestr. 6, 40880 Ratingen

person in charge: Udo Wunsch, Mail: udo.wunsch@wunsch-oele.de

emergency number: 02102-490000 or poison emergency number: 0049-228-19240

2 hazards identification

- Hazard designation: void
- Information pertaining to particular dangers for man and environment: void

3 composition / information of ingredients

Nr.	Name	EG Nr.	CAS-Nr.	%-mass	Symbol	R-Sätze
	Bis(2-ethylhexyl)sebacate		122-62-3			

4 first aid measures

- After inhalation: Supply fresh air, consult doctor in case of symptoms.
- After skin contact: Instantly wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- After swallowing: Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

5 fire fighting measures

- Suitable extinguishing agents: Water spray jet, Foam, Fire-extinguishing powder, Carbon dioxide (CO₂)
- For safety reasons unsuitable extinguishing agents: Water with a full water jet.
- Protective equipment: Wear self-contained breathing apparatus.

6 accidental release measures

- Person-related safety precautions: Wear protective clothing.
- Measures environmental protection: Do not allow to enter drainage system, surface or ground water.
- Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.
- Additional information: No dangerous materials are released.

7 handling and storage

Handling:

- Information for safe handling: Keep containers tightly sealed. Keep away from heat and direct sunlight. Store in cool, dry place in tightly closed containers.
- Information about protection against explosions and fires: No special measures required.

Storage

- Requirements to be met by storerooms and containers: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Storage class -

8 exposure controls / personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Components with critical values that require monitoring at the workplace: Not required.
Additional information: The lists that were valid during the compilation were used as basis.
- Personal protective equipment:
General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.
Breathing equipment: Not required.
Protections of hands:

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Protectives gloves.

Check protective gloves prior to each use for their proper condition.

Material of gloves: Nitril rubber, NBR

Recommended thickness of the material:>0.4 mm

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:

Value for the permeation: Level >6

Penetration time (min)=>480

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

-Eye protection:

Safety glasses

9 physical and chemical properties

General Information

- Form: Fluid

- Colour: Clear

- Smell: Light

Change in condition

- Melting point/Melting range: Not determined

- Boiling point/Boiling range: >250°C

- Melting point: < -60°C

- Flash point 230°C (ISO 2529-81)

- Danger of explosion: Product is not explosive.

- Steam pressure at 20 °C: <0.01 hPa

- Density at 20°C: 0.910-0.916 g/cm³ (DIN51757-94)

- Solubility in / Miscibility with -Water: Insoluble

- Viscosity, dynamic at 20°C: 19-23 mPas (DIN 53015- 78)

10 stability and reactivity

- Conditions to be avoided: No decomposition if use according to specifications.

- Dangerous reactions : No dangerous reactions know

- Dangerous products of decomposition: None

11 toxicological information

Acute toxicity:

- LD/LC50 values that are relevant for classification: Oral LD50 > 2000 mg/kg (rat)

primary irritant effect:

- on the skin: No irritant effect.

- on the eye: may cause slight irritation

Sensitization: No sensitizing effect known.

- Subacute to chronic toxicity: AMES TEST: Negative

- Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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12 ecological information

Information about elimination (persistence and degradability):

- Methode DOC reduction
- Degree of elimination: >70%
- Other information: The product is easily biodegradable.

Ecotoxicological effects:

- Aquatic toxicity:
EC0 >100 mg/l (bacteria)
LC50 >10-<100 mg/l (fish)

Other information:

- >60% BOC/COD

13 disposal considerations

Product:

- Recommendation
After prior treatment product has to be disposed of in an incinerator for hazardous waste under adherence to the regulation pertaining to the disposal of particularly hazardous waste.

Uncleaned packagings:

- Recommendation:
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of the same manner as the product. Disposal must be made according to official regulations.

14 transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

- ADR/RID-GGVS/E Class:-

MARITIME transport IMDG/GGVSea:

- IMDG/GGVSea Class:-

Air transport ICAO-TI and IATA-DGR:

- ICAO/IATA Class:

Transport/Additional information: Not regulated for transport under the above transport codes.

15 regulatory information

Designation according to EC guidelines:

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV)

16 other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.