

22610-1000

Material Safety Data Sheet

according 91/155 EWG

**Graphit Kropfmühl
Aktiengesellschaft**

macro-crystalline natural graphite (Carbon)

1. Identification of substance/preparation and the company name

Commercial product name: Natural graphite EDM 96/97

Company: Graphit Kropfmühl AG
Langheinrichstr. 1
94051 Hauzenberg
Phone no.: +49/8586/609-0
Fax no.: +49/8586/609-110

2. Composition/information on ingredients

Chemical characterization

Natural Graphite
CAS-No: 7782-42-5
EINECS-No: 2319553
B.A.T.: 250410 00 9

3. Hazards identification

No special hazards known

4. First aid measures

Inhalation: Remove from dust area - fresh clean air
Skin contact: Wash with soap and water
Eye contact: Wash with clean water
Ingestion: Drink water

5. Fire-fighting measures

Extinguishing media: Suitable: CO2 - dry chemical - Foam
Not be used: full jet of water

Dangerous fumes in the case of fire: carbon oxides

6. Accidental release measures

Sweep up and shovel into suitable containers for disposal.
Graphite is also an lubricant and spillage could make flooring slippery.

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page 1 of 3

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7. Handling and storage:

Handling: As required for working conditions with dust.
Keep dust to a minimum. Dust collectors should be used in all work areas.

Storage: Keep dry

8. Exposure controls/personal protection
Limit values related to the work environment

Maximum Exposure Limit: 6 mg/m³ total inhalable dust
1,5 mg/m³ of respirable dust

Personal protective equipment: When over M.E.L.

Respiratory protection: respirator with partic's filter
Eye protection: safety glasses
Hand: work gloves
Other: not required
Ventilation requirements: supply fresh moving air

9. Physical and chemical properties

Form:	solid
Colour:	grey-silvery
Odour:	odour-less
Change in physical state:	
Melting point	sublimation over 3700°C
Boiling point	n.a.
Flash point:	n.a.
pH value:	neutral
Vapour pressure:	n.a.
Solubility in water:	insoluble
Explosive properties:	none
Explosion limits:	n.a.
Oxidizing properties:	none
Flammability:	n.a.
Self-ignition temperature:	n.a.
Density:	2,26 g/cm ³

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page 2 of 3

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10. Stability and reactivity:

Conditions to avoid:	not applicable
Materials to avoid:	not applicable
Hazardous decomposition products:	not applicable

11. Toxicological information

Toxicological data are not available.

12. Information on ecological effects

Natural graphite is chemical inert and does not affect ecology.

13. Dispose considerations

Dispose of in accordance with local, state and federal regulations.

14. Transport information

Not a dangerous good in the meaning of the transport regulation.

15. Regulations

no label required
Existing national and local regulations applicable to chemical products have to be observed.

16. Further information

Graphite is electrically conductive and could cause shorting of electrical equipment

Above information believed to be accurate at date of issue.

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page 3 of 3