

EC safety information sheet According to Article 32 (non-hazardous substances) Of Regulation (EC) No 1907/2006 (REACH)		
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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product

Trade Name:	Testra®R - blasting media
Additional names:	Blast furnace slag (air-cooled)
Norm:	DIN EN ISO 11126-6
REACH Registration number:	01-2119487456-25

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:	Building material, bulk material, use in open or covered installation, and applications, e.g. Road construction, filling or filling, drainage, blasting media, substrate
Uses advised against:	none

1.3. Details of the supplier providing the safety information sheet

Supplier:	M + E Tebbe-Neuenhaus GmbH & Co.KG
Street:	Gahlener Str. 91
Postcode / City:	46244 Bottrop-Kirchhellen
Telephone / FAX:	+49 (0) 20 45 – 70 77 / 49 (0) 20 45 – 48 78
Internet:	www.tebbe-neuenhaus.de
e-Mail	info@tebb-neuenhaus.de
Emergency number:	+49 (0) 20 45 – 70 77 (Office hours: Monday to Friday 07:00 – 17:00 O'Clock)

2. Possible dangers

2.1. Classification of the substance or mixture

The substance is not classified as dangerous according to Regulation (EC) No 1272/2008 [CLP] or Directive 67/548 / EEC.

2.2. Other Dangers

Dust may irritate the eyes and the respiratory system by mechanical action
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3. Composition / information on ingredients

3.1. Matter

Substance-related data:	Blast furnace slag EG-Nr.: 266-002-0 CAS-Nr.: 65996-69-2 Complex Ca / Mg / Al silicatic compound
Additional information:	Blast furnace slag is a stone smelter, which is produced in the production of basic iron in the blast furnace. The slow cooling in the air mainly produces crystalline blast furnace slag (ABS).

4. First aid measures

4.1. Description of first aid measures

After inhalation:	Ensure fresh air. If irritation persists, call a doctor.
After swallowing:	Rinse your mouth and drink plenty of water.
After skin contact:	Wash with water and soap.
After eye contact:	Rinse opened eye with plenty of water. If irritation persists, consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Mechanical skin and eye irritation may occur.

4.3. Indication of any immediate medical attention and special treatment needed

none

4.4. Fire-fighting measures

4.5. Extinguishing Media

The substance is not combustible; Apply extinguishing agent to the environment.

4.6. Special Danger arising from the substance or mixture

none

4.7. Instructions for fire fighting

not mandatory

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5. Accidental release measures

5.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation, see also 6.4.

5.2. Environmental precautions

6. Avoid dust formation, see also 6.4.

6.1. Methods and materials for retention and cleaning

Pick up mechanically, use low-dust cleaning methods.

7. Handling and storage

7.1. Precautions for safe handling

Avoid dust formation.

Do not eat, drink or smoke in the work area.

Wear suitable protective clothing (e.g., goggles, gloves).

Avoid long-term skin contact.

Wash hands after work.

7.2. Conditions for safe storage, including any incompatibilities

none

8. Exposure controls / personal protection equipment

8.1. Exposure limits for dust

General dust limit according to 3 mg/m³ (Respirable fraction)

TRGS 900: 10 mg/m³ (Inhalable fraction)

As a rule, these values are safely adhered to, so that this substance does not give rise to a dust hazard.

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8.2. Limitation and monitoring of exposure

Suitable technical control devices	
In closed systems:	For dust removal systems
In semi-closed or open systems:	provide for dust and good ventilation or humidification of the substance
Individual protection measures:	No specific measures are required
Eye / face protection:	It is recommended to wear protective goggles when developing dust
Skin / hand protection:	In case of skin contact it is recommended to wear gloves
Respiratory protection:	With strong dust release: particle filter EN149 FFP2.

8.3. Physical and chemical properties

8.4. Information on basic physical and chemical properties

Parameter	Value / comment	Unit	Process
Properties			
Shape	grained, angular	-	optical
Colour	dark green-black-gray	-	optical
Odor	none	-	-
Raw density	2,6	g / cm ³	EN 1097-6
Bulk weight	1,3	g / cm ³	
pH-Value	< 8	-	EN38404-C5

8.5. Other Information

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9. Stability and reactivity

9.1. Reactivity

No danger with regard to reactivity.

9.2. Chemical stability

Stable under normal conditions.

9.3. Possibility of dangerous reactions

Not applicable, since the substance does not have any hazardous properties and is not dangerous with regard to reactivity.

9.4. Conditions to avoid

No special requirements

9.5. Incompatible materials

No incompatible materials known

9.6. Dangerous decomposition products

Not applicable, since no dangerous properties

10. Information on toxicological effects

11.1. Potential health hazards	The substance is classified as non-hazardous.
11.2. Acute toxicity: oral, inhalative, dermal	no acute toxicity
11.3. Irritation: skin, eye irritation	not irritating
11.4. Corrosivity	not corrosive
11.5. Sensitization	not sensitizing
11.6. Repeated dose toxicity	not toxic by repeated administration
11.7. Mutagenicity	not mutagenic
11.8. Carcinogenicity	no carcinogenic effects
11.9. Reproductive toxicity	No adverse effect on reproduction

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11. Environmental information

12.1. Toxicity	The substance is classified as non-hazardous. No aquatic toxicity Non-toxic for sewage treatment plants
12.2. Persistence and degradability	Not applicable: inorganic substance; No photo- or chemical degradability and no biodegradability
12.3. Bioaccumulative	not applicable; Inorganic substance; No significant bioaccumulation is expected
12.4. Mobility in the ground	Moderately mobile in soils; Adsorption on particles is possible; No elution of the main components (SiO ₂ , Al ₂ O ₃) is expected
12.5. Results of PBT and vPvB assessment	No PBT or vPvB properties
12.6. Other adverse effects	No other adverse effects known According to CLP regulation, the substance is classified as non-polluting.

12. Disposal considerations

12.1. Waste treatment methods

The blast-furnace slag Testra®R in its original form can be deposited on a landfill for inert waste class 0 (DK 0 according to the DepV).
The allocation of waste code numbers (ASN) is to be carried out in accordance with the Waste List Ordinance (AVV) in accordance with the sector and process type.
A suitable waste key is 10 02 01: wastes from the processing of slag.

13. Transport information

Not a dangerous substance according to ADR/RID (Land transport and on the street)
Not a dangerous substance according to ADN (inland waterways transport)
No dangerous substance according to IMDG (sea transport)
No dangerous substance according to ICAO-IATA (air traffic).

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13.1. Legislation

13.2. Safety, health and environmental regulations / legislation specific for the substance or mixture

TRGS 900: Technical rules for hazardous substances; Limit values in the air at the workplace
VwVws: Not water-endangering - nwg (self-leveling)

13.3. Chemical Safety Assessment

No substance safety assessment is required for this substance.

14. Other information

The information in this Material Safety Data Sheet contains the requirements for the safe use of this material and is believed to be accurate, at the time of preparation, to the best of our knowledge. The information is intended to provide guidance for the safe handling of the product mentioned in this SSI during storage, processing, transport and disposal.

15. Further information / explanations

DIN EN ISO 11126-6:
Requirements for non-metallic abrasives, Part 6: Blasting agents from blast furnace slag

ABS: air-cooled blast furnace slag (Hochofenstückschlacke)

TRGS:
Technical rules for hazardous substances; Limit values in the air at the workplace