

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

Printing date 15.05.2017

Version: 4

Revision: 15.05.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** STIHL Blasting grit SB 90**Article number:**0797 010 2038 / 0797 010 2052
[03.06.2013]**EC No**

931-322-8

Registration number 01-2119491179-27-XXXX**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture Blasting grit**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

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1.4 Emergency telephone number:**DE (Deutschland):** +49 (0) 30 30 68 67 00 (Giftnotruf Berlin)**AT (Österreich):** +43 1 406 43 43 (Vergiftungsinformationszentrale [VIZ])**CH (Schweiz):** 145 (aus dem Ausland: +41 44 251 51 51) (Tox Info Suisse)**BE (Belgien):** +32 (0)70 245 245 (Antigiftzentrum)**LU (Luxemburg):** +352 8002-5500 (Antigiftzentrum Belgien)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The substance is not classified according to the CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Precautionary statements** P102 Keep out of reach of children.**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.1 Substances****CAS No. Description**

Ashes (residues), coal

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Identification number(s)**EC No** 931-322-8**Additional information:**

Any entry in the EC-column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 15 for additional CAS number information for the substance.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information:** No special measures required.**After inhalation:** No special measures required**After skin contact:**

Generally the product does not irritate the skin.

Wash the areas of skin affected with water and a mild detergent.

After eye contact:

Possible discomfort is due to foreign substance effect.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** The normal measures for firefighting are to be taken.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:**

No special measures required.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose of the material collected according to regulations.

Avoid formation of dust.

6.4 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**7.1 Precautions for safe handling**

Prevent formation of dust.

No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

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7.2 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: Store away from foodstuffs.

Further information about storage conditions:

Store in dry conditions.

Store under lock and key and out of the reach of children.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Exposure limit for dust - Germany

AGW (GERMANY)	Long-term value: 10 mg/m ³ 2 (II) - Inhalable fraction (TRGS900)
AGW (GERMANY)	Long-term value: 1.25 mg/m ³ 2 (II) - Respirable fraction (TRGS900)

8.2 Exposure controls

Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

Personal protective equipment:

General protective and hygienic measures:

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

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Respiratory protection:

Requirements for abrasive blasting operations must be respected!

Dust-protection mask if there is a risk of dust formation.

The following breathing protection is recommended:

(P1 / FFP1)

Protection of hands:

Requirements for abrasive blasting operations must be respected!

Wear gloves for the protection against mechanical hazards according to EN 388.

Eye protection:

Requirements for abrasive blasting operations must be respected!

Safety glasses

[EN 166]

Body protection: Requirements for abrasive blasting operations must be respected!

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Granulate
Colour:	Black
Odour:	Odourless
Odour threshold:	Not determined.

pH-value (100 g/l) at 20 °C: < 10

Change in condition

Melting point/freezing point: Undetermined.

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Initial boiling point and boiling range:	Not applicable.
Flash point:	Not applicable.
Flammability (solid, gas):	Product is not flammable.
Ignition temperature:	
Decomposition temperature:	Not applicable
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not applicable.
Density:	2.2 - 2.7 g/cm ³ (EN 1097-6)
Bulk density:	1.0 - 1.6 g/cm ³ (EN 1097-3)
Relative density	Not applicable
Vapour density	Not applicable
Evaporation rate	Not applicable.
Solubility in / Miscibility with water:	< 0.1 g/l (1:10)
Partition coefficient: n-octanol/water:	Not applicable
Viscosity:	
Flow time	Not applicable.
Dynamic:	Not applicable.
Kinematic:	Not applicable.
9.2 Other information	Grit: 0,2 - 1,0mm Mohs hardness: 6/7

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid See Section 7 for information on safe handling.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification: Based on available data, the classification criteria are not met.

Primary irritant effect:

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.

Repeated dose toxicity Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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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.

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

1) 12 01 17: waste blasting material other than those mentioned in 12 01 16

2) 15 01 01 (art.: 0797 010 2038) / 15 01 02 (art.: 0797 010 2052)

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA Void

14.2 UN proper shipping name
ADR, IMDG, IATA Void

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class Void

14.4 Packing group
ADR, IMDG, IATA Void

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user Not applicable.

UN "Model Regulation": Void

SECTION 15: Regulatory information

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

Related CAS number:

68476-96-0 (slags, coal)

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National regulations:**Information about limitation of use:***Employment restrictions concerning juveniles must be observed.**Employment restrictions concerning pregnant and lactating women must be observed.***15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.***SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = Lethal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord européen sur le transport 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

EINECS: European Inventory of Existing Commercial Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

*** Data compared to the previous version altered.**