

# SAFETY DATA SHEET

## Star Grit Blåsemiddel

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name	Star Grit Blåsemiddel
Applications	Blast agents.
Supplier	Einar Øgrey Industrisand AS Birkedalsveien 31 4640 SØGNE Tel: +47 38 05 07 11 Fax: +47 38 05 07 26 paul@oegrey.no www.oegrey.no
Contact person	Paul Brandsdal
Emergency telephone number	National Poisons Information Service (NPIS), phone 0844 892 0111. WEB: <a href="http://www.toxbase.org">http://www.toxbase.org</a>

### 2. HAZARDS IDENTIFICATION

Not regarded as a health, fire, explosion or environmental hazard under current legislation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Symbol	R-phrases
copper slag			90-100 %	-	

See section 16 for explanations to R-phrases

Composition comments	The product contains: < 0.01 % cobalt and nickel, < 0.5 % lead and < 0.01 % cadmium. The content of allergenic substances are < 0,03 % The content of carcinogenic substances are < 0.09 % The product contains: < 1 % free quartz  The product is analyzed and evaluated according to ISO 11 126-6/4 /. Analysis conducted by two independent institutions shows that the product contains no free quartz, and carcinogenic toxic substances that exceed established limits for blast agents.
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### 4. FIRST AID MEASURES

General	General first aid, rest, warmth and fresh air. Do not give anything to eat or drink if the person is unconscious.
Inhalation	Provide rest, warmth and fresh air. Alternatively artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.
Skin	Rinse immediately with plenty of water.
Eyes	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate for surrounding fire.
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**Specific hazards** Non-flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal protection** Wear appropriate personal protective equipment - see Section 8. Avoid inhalation of dust.

**Environmental protection** No special precautions required.

**Spill cleanup methods** Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Small quantities may be flushed to drains with plenty of water.

## 7. HANDLING AND STORAGE

**Usage precautions** Provide good ventilation.

**Storage precautions** Store dry. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Protective equipment**



**Process conditions** Provide eyewash station.

**Ventilation** Well ventilated area.

**Respirators** Use respiratory equipment with particle filter, type P2.

**Protective gloves** Use suitable protective gloves if risk of skin contact. Time of breakthrough is not known, change gloves regularly.

**Eye protection** Wear approved safety goggles.

**Other Protection** Wear long-sleeved clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Solid.

**Colour** Black.

**Odour** None.

**Solubility description** Insoluble in water.

**Melting/freezing point (°C, interval)** 0

**Density (g/cm<sup>3</sup>)** 3,82 **Temperature (°C)**

## 10. STABILITY AND REACTIVITY

**Stability** Stable under the prescribed storage conditions.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity** Concentrations of carcinogens and toxic substances is <0.01%. The analysis is made on the following substances; nickel, cadmium, lead, chromium, cobalt, beryllium and arsenic.

**Inhalation** Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Inhalation of dust can damage the lungs.

<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
<b>Skin</b>	May cause drying of skin. May cause irritation.
<b>Eyes</b>	Dust may cause mechanical irritation.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not regarded as dangerous to the environment. This does not, however, rule out the possibility that large or frequent smaller emissions of the product may be harmful to the environment.
<b>Mobility</b>	Not soluble in water.
<b>Bioaccumulative potential</b>	Unknown.
<b>Persistence and degradability</b>	Unknown.

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## 13. DISPOSAL CONSIDERATIONS

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<b>General/cleaning</b>	Not hazardous waste.
<b>Disposal methods</b>	Dispose of at an approved land disposal site in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

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<b>General</b>	Not classified as dangerous goods according to ADR/RID, IMDG, IATA/ICAO.
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## 15. REGULATORY INFORMATION

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<b>Contains</b>	copper slag
<b>EU directives</b>	67/548/EEC, 1999/45/EC, 2001/58/EC, 2008/58/EC (REACH), 1272/2008/EC (30ATP).

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## 16. OTHER INFORMATION

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### Explanations to R-phrases in section 3

#### \* Information revised since the previous version of the SDS

<b>Revision comments</b>	Revision 20.08.2009 no. 1: supersede SDS of 17.02.2009. Changed composition. No change of product classification.
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