SAFETY DATA SHEET
according to Commission Regulation (EU) 2015/830

Visnes Eklogitt AS
..... For a strong and heavy rock

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<td>Date of first issue: 02.01.2017</td>
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</tbody>
</table>

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Trade name: Eclogite
Substance name: Eclogite

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance: Ballast Material in offshore, Concrete draft drainage, Roads sand

1.3. Details of the supplier of the safety data sheet
Manufacturer: Visnes Kalk AS
6493 Lyngstad
Norway

Telephone: +47 71 29 92 20
Telefax: +47 71 29 92 21

Email address for a person responsible for the SDS: Karl@Visneskalk.no

Responsible/issuing person: Karl Johan Eide

1.4. Emergency telephone number
Emergency telephone number: +47 71 29 92 20

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification criteria in Regulation (EC) No 1272/2008
Not a hazardous substance.

2.2. Label elements
Classification criteria in Regulation (EC) No 1272/2008
Not a hazardous substance.

2.3. Other hazards
This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB). Eclogitic product are from natural deposits is exempted from REACH registration (ref: ECHA-10-G-02-EN)
SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical composition CAS-no. Conc. by mass %

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS-no.</th>
<th>Conc. by mass %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hornblende (Amphibole)</td>
<td>68476-25-5</td>
<td>15 %</td>
</tr>
<tr>
<td>Garnet (AlFe$_2$(SiO$_4$)$_3$)</td>
<td>1302-62-1</td>
<td>5 %</td>
</tr>
<tr>
<td>Feldspar (CaAl$_2$Si$_2$O$_8$)</td>
<td>14808-60-7</td>
<td>5 %</td>
</tr>
</tbody>
</table>

Other minerals: Dolomite, Biotite, Marbel, Rutil, Epidot 5 %

Particle sizes: Different gradings

SECTION 4: First aid measures

4.1. Description of first aid measures
Skin contact: Wash with water and soap
Eye contact: May cause eye irritation. Rinse immediately with water for 10-15 minutes. Keep eyes open.
Ingestion: If large amounts are swallowed, give plenty of water or milk to drink, avoid vomiting. Excessive inhalation of dust may cause respiratory irritation.

4.2. Most important symptoms and effects, both acute and delayed
None known.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture
Not combustible. The product will discharge carbon dioxide (CO$_2$) upon strong heating, and function as an extinguishing agent.

Other information: Decomposition of the product by strong heating/fire will form calcium oxide (CaO) and carbon dioxide (CO$_2$).
Avoid contact with the calcium oxide, a corrosive substance.

5.3. Advice for firefighters
In the event of a fire, wear full protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid skin contact and inhalation of dust. Use protective equipment if necessary.
6.2. Environmental precautions
No special precautions are necessary. The product is only slightly soluble in water and will eventually sink to the bottom.

6.3. Methods and material for containment and cleaning up
Collect as much as possible by mechanical means (shovel-vaccum cleaner etc). Wash area afterwards. Avoid contact with acids.

6.4. Reference to other sections
Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Use with adequate ventilation. Minimize dust. Avoid inhalation, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities
No data available.

7.3. Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameter

<table>
<thead>
<tr>
<th>Country</th>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (from of exposure)</th>
<th>Control parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norway</td>
<td>$SiO_2$</td>
<td>Eclogite</td>
<td>NGV (respirable dust)</td>
<td>5 mg/m$^3$</td>
<td>For-2011-12-06-1358</td>
</tr>
<tr>
<td></td>
<td>$Al_2Fe_3(SiO_4)_3$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$CaAl_2Si_2O_8$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$K,Na$-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$Ca,Na,Fe,Mg$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$Mg,Fe,Al$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$Al,Si,O_3(OH)_2$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NGV (Total dust)</td>
<td></td>
<td>10 mg/m$^3$</td>
<td></td>
<td>For-2011-12-06-1358</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Respiratory protection: Gas mask may be necessary, filter B (grey) or dust filter lib (p2).
Hand protection: Wear gloves.
Skin protection: Wear protective suit, when there is a risk of direct contact or splashes.
Eye protection: Safety glasses or face protection shall be used when risk of contact or splashes.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Appearance: Chips
Colour: Dark greyish
Odour: Odourless
Solubility: Very low solubility, small intrusions of marble are dissolved in acid, the rock is stable.
Density: 3.2 g/cm\(^3\) (20\(^\circ\)C, 1atm), method DIN-ISO 787/10
pH in Solution: -
Flammability: The product is not flammable
Lower explosion limit: The product is not explosive

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
Not reactive.

10.2. Chemical stability
No decomposition.

10.3. Possibility of hazardous reactions
The material does not constitute a fire hazard, nor any risk of explosion.

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Oral-rat LD50: 6450 mg/kg
Eye-rbt: 0.75 mg/24H, Severe
Skin-rbt: 500mg/24H, Moderate
Epidemiology: Not found
Teratogenicity: Not found
Reproductive effects: Not found
Neurotoxicity: Not found
SECTION 12: Ecological information

12.1. Toxicity
Toxicity to fish: LC₅₀ Fish: > 10 000 mg/l
Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates:
LC₅₀ Daphnia: > 1 000 mg/l
Exposure time: 49 h

General: The product does not constitute an environmental hazard

12.2. Persistence and degradability
Stable (very low solubility).

12.3. Bioaccumulative potential
Does not bio accumulate

12.4. Mobility in soil
Mobility: Spreads like other dusts. Not volatile

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Destruction is not necessary. The material may be land filled in accordance with local and national regulations.

SECTION 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards
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14.6. Special precautions for user
Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59):
Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:
Not applicable

Not applicable

Regulation (EC) No 649/2012 concerning the export and import of Dangerous/hazardous chemicals:
Not applicable

Regulation (EC) 2001/59 Nature of special risks attributed to dangerous substances and preparations (R phrases):
Not applicable

Regulation (EC) 2001/59 Safety advice concerning dangerous substances and preparations (S phrases):
Not applicable

15.2. Chemical safety assessment
S phrases: None

SECTION 16: Other information

Abbreviations:
CLP - Classification Labelling Packaging Regulation; EC- European Community; ECHA - European Chemicals Agency; EC-Number - European Community number; ISO - International Organisation for Standardisation; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -
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Regulations concerning the International Carriage of Dangerous Goods by Rail; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the time of preparation or prepared from sources believed to be reliable. The information given is designed only to comply with all laws and procedures applicable to the safe handling, processing, use, storage, transportation, disposal and release of product and to determine the suitability of the product for its intended use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information that has been use in this Safe Data Sheet has been taken from reference work and literature.

This Safety Data Sheet gives only information relating to safety and does not replace any product information or product specification.