

Safety Data Sheet

CAT LITTER

Version 4.1 2014-01-01 According to 1907/2006/EC, article 31
Printing date 23/03/2010
Revision: 23/03/2010 Page 1/5

1 Identification of the substance/preparation and of the company/undertaking

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2 Hazards identification

- **Hazard description:** None
- **Information concerning particular hazards for human and environment:**
No hazards to be particularly mentioned.
- **Classification system:**
The classification is in line with current EC lists. It is extended, by information from technical literature and company information.
- **GHS label elements** Void

3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**
Oil shale, thermal processing waste (CAS 93685-99-5)
- **EINECS Number:** 297-648-1
- **Additional information:**

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
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.
NOTE: Never give an unconscious person anything to drink.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
The product is not flammable.

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- Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards caused by the substance, its products of combustion or resulting gases:** None
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:**
 Avoid formation of dust.
 Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
 No special precautions are necessary if used correctly.
 Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in dry conditions.

* 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Light weight protective clothing

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9 Physical and chemical properties

· *General Information*

Form: Granulate
Colour: Dark
Odour: Odourless

· *Change in condition*

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· *Flash point:* Not applicable.

· *Flammability (solid, gaseous):* Product is not flammable.

· *Danger of explosion:* Product does not present an explosion hazard.

· *Density:* Not determined.

· *Bulk density at 20°C:* 690 kg/m³

· *Solubility in / Miscibility with water:* Insoluble.

· *pH-value (10 g/l) at 20°C:* 10,6-11,1

10 Stability and reactivity

· *Thermal decomposition / conditions to be avoided:* No decomposition if used according to specifications.

· *Dangerous reactions* Reacts with strong acids and oxidizing agents.

· *Dangerous decomposition products:* No dangerous decomposition products known.

· *Additional information:* This product is hygroscopic.

11 Toxicological information

· *Acute toxicity:*

· *LD/LC50 values relevant for classification:* Not determined

· *Primary irritant effect:*

· *on the skin:* Not determined

· *on the eye:* Not determined

· *Sensitization:* No sensitizing effects known.

· *Additional toxicological information:*

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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EU

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NTP (National Toxicology Program) : Substance is not listed
IARC (International Agency for Research on Cancer) : Substance is not listed
As any natural occurring mineral, alganite may contain quartz (crystalline silica <3%)
For crystalline silica:
IARC-GROUP 1 - Carcinogenic to humans (inhaled in the form of quartz or cristobalite from occupational sources).
AGGIH 24 - Suspected Human Carcinogen (Respirable fraction)
NTP 1 - Known to be human carcinogen (Respirable size)
NIOSH - Carcinogen

12 Ecological information

- **Information about elimination (persistence and degradability):**
This product is according to previous experiences inert and non-degradable.
- **Behaviour in environmental systems:**
- **Mobility and bioaccumulation potential:** *Does not accumulate in organisms*
- **Ecotoxicological effects:**
- **Aquatic toxicity:** *Not determined*

13 Disposal considerations

- **Product:**
- **Recommendation**
Disposal must be made according to official regulations.
Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** *Not applicable*

14 Transport information

- **DOT regulations:**
- **Hazard class:** *None*
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** *None*
- **Maritime transport IMDG:**
- **IMDG Class:** *None*
- **Marine pollutant:** *No*
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** *None*
- **UN "Model Regulation":** *None*
- **Transport/Additional information:** *Not dangerous according to the above specifications.*

EU

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15 Regulatory information

· **Labelling according to EU guidelines:**

The substance is not subject to classification according to EU lists and other sources of literature known to us.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

Registration status (Chemical Inventories listing) :

United States (TSCA) : listed

Canada (DSL) : listed

Australia (AICS) : listed

Japan (MITI) : listed

South Korea (KECL) : listed

Philippines (PICCS) : listed

16 Other information

· **Contact:**

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

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

The sections where alterations took place are marked with an asterisk in the left border

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