

HEALTH AND SAFETY DATA SHEET**1. IDENTIFICATION**

1.1 Commercial Name(s): Dicalite Milled Expanded Perlite 408-418-428-438-448-478-4108-4128-4158-4208-4258-4258S2-4308-4358-4408 and customer deviated products.

Dicalite Agents GPE-08-18-28-38-48-78-108-128-158-208-258-308-358-408-508, 4T8, Cyclone 1-5 and customer deviated products.

Dicalite Expanded Perlite: CRYO and PE group.

Registration number: exempted according to Article 2 §7 b) of REACH

1.2 Producer and Supplier: **Dicalite Europe n.v.**
Scheepzatestraat 100
9000 Gent
BELGIUM

Telephone: +32-9-250.95.50

Telefax: +32-9-250.95.59

2. HAZARD INFORMATION

Perlite causes an annoying but reversible effect on the longs by inhalation. This annoying dust causes no organic disease or has no toxic influence on the organism as long as the concentration is not higher as 10 mg/m³ air.

Expanded perlite and perlite powder is not semi-solid and has no supporting power.

3. CHEMICAL COMPOSITION

Perlite is a Natural Complex Aluminium, Potassium and Sodium Silicate not chemically treated. Dicalite Perlite is chemically inert and contains less than 0,1% Crystalline Silica.

CAS Nr.: 93763-70-3

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4. FIRST AID PROCEDURE

4.1 Inhalation:

Remove from dust area, drink water to clear throat; blow nose to evacuate dust.

4.2 Eye irritation:

Do not rub! Flush eyes immediately with copious amounts of water. Consult a physician if irritation persists.

4.3 Skin irritation: None

4.4 Swallow: None

5. FIRE- AND EXPLOSION HAZARDS

None. Perlite is inert and non-flammable. (It is used in fire extinguishers.)

6. PREVENTION AGAINST ESCAPE OF DUST

6.1 Personal prevention: The wearing of an approved respirator and a safety eyewear are recommended.

6.2 Ecology prevention: None. Perlite can be used as soil conditioner.

6.3 Spill and leak procedure: Vacuum clean or wet sweep!

7. HANDLING AND STORAGE-PRECAUTIONS

7.1 Handling: Avoid creating dust. Repair all broken bags immediately.

7.2 Storage: Keep dry and far from odoriferous chemicals.

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8. EXPOSURE AND PERSONAL PRECAUTION

- 8.1 Respiratory organs protection: The wearing of a dust mask is recommended.
- 8.2 Eye protection: The wearing of safety glasses is recommended.
- 8.3 Hand & skin protection: None.

9. PHYSICAL-CHEMICAL PROPERTIES

Physical state at 20 °C	: Solid white powder, max. 10% particles < 5.24 µm
Density	: 100 - 180 kg/m ³
pH (in 100 g/l water slurry)	: 5.5 - 9.0
Solubility in water (20 °C)	: 0.1 g/l
State Modification	: over 800 °C

10. STABILITY AND REACTIVITY

Hazardous Reaction	: None, except with fluoric-acid
Hazardous dissemination products	: Reacts with fluoric-acid to form toxic silicon tetrafluoride.

11. TOXICOLOGY

See section 2

12. ECOLOGICAL DATA

Bio degradability and fish toxicity: None.

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Dispose off in approved landfill. Do not shoot dry! Keep moist or cover with earth.

14. TRANSPORT INFORMATION

Keep dry.

15. LEGAL INFORMATION

Hazard symbol : none
Risk sentences R : none
Risk sentences S : none
Recommended: S22 : do not inhale dust
S26 : by eye contact, flush with water

16. FURTHER INFORMATION

Application: Perlite Filteraids are used in industrial filtration and perlite agents as fillers.
Technical information is available on demand at the same address.

THIS SHEET IS BASED ON THE TODAY BEST AVAILABLE INFORMATION AND
ACCORDING TO DIRECTIVE 2001/58/EC OF THE COMMISSION OF 27/07/2001.
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