

ACCORDING TO REGULATION (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product name: Perlite and Perlite-Diatomite Mix

Variants: Expanded perlite and perlite mixed with diatomite ; Celafilt® AP10, AP50, AP70, AP80

1.2. Relevant identified uses of the substance or mixture and uses advised against

Main Use Category: Industrial use

Use of the Substance: Filtering / filter aid

Uses advised against: No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturer : AP MİNERAL KİMYA İTH. İHR. TİC. ve PAZARLAMA A.Ş.

AOSB Şehit Ömer Halisdemir Cad. No:30 01410 Sarıçam / ADANA – TURKEY

Tel: +90 322 503 1010 E-mail: info@apmineral.com

1.4. Emergency telephone number

Emergency Number : +90 322 503 1010

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified.

POTENTIAL HAZARDS

Human Health : Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Dust may irritate the eyes and the respiratory system.

2.2. Label elements

Risk Phrases: Not classified.

Safety Phrases: Safety data sheet available for professional user on request.

2.3. Other hazards:

Other hazards not contributing to the classification

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance: Expanded perlite (CAS NO : 93763-70-3) mixed with diatomite (61790-53-2)

Composition Comments: The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion: Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: Upper respiratory irritation. Coughing.

Ingestion: Nausea, vomiting.

Skin contact: No specific symptoms noted.

Eye contact: May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed: Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Extinguishing media: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards: Dust may form explosive mixture with air.

5.3. Advice for firefighters

Special Fire Fighting Procedures: No specific fire fighting procedure given.

Protective equipment for fire-fighters: Follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with eyes. Do not smoke, use open fire or other sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions: Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up: Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. For waste disposal, see section 13.

6.4. Reference to other sections: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling: Avoid handling which leads to dust formation. Avoid inhalation of dust and contact with skin and eyes. Use mechanical ventilation in case of handling which causes formation of dust. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices. Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required.

7.2. Conditions for safe storage, including any incompatibilities: Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays.

7.3. Specific end use(s): The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters: Expanded perlite mixed with diatomite

8.2. Exposure controls

Protective equipment

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Respiratory equipment: No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection: For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection: Wear approved safety goggles.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Skin protection: Protection suit must be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Powder

Colour: White/Off White

Odour: Odourless

Solubility: Insoluble in water

Flash Point: Not flammable

Melting point: >800°C

pH-Value: 7-9 (10% slurry)

Explosive properties: Not explosive

9.2. Other information: No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: There are no known reactivity hazards associated with this product.

10.2. Chemical stability: Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions: No information required.

10.4. Conditions to avoid: No specific conditions are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid: No incompatible groups noted.

10.6. Hazardous decomposition products: None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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

Inhalation: Dust in high concentrations may irritate the respiratory system.

Ingestion: Ingestion of moderate quantities may cause irritation to the mouth, throat and stomach

Skin contact: Based on available data, the classification criteria are not met.

Eye contact: Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be hazardous to the environment.

12.1. Toxicity: No data available.

12.2. Persistence and degradability

Degradability: There are no data on the degradability of this product.

12.3. Bioaccumulative potential: The product is not bioaccumulating.

12.4. Mobility in soil: The product is insoluble in water and will sediment in water systems.

12.5. Results of PBT and vPvB assessment: Not relevant

12.6. Other adverse effects: No specific adverse effects known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods: Dispose of waste and residues in accordance with local authority requirements.

Powder to be collected, sealed tightly in bags and disposed on approved landfills.

SECTION 14: TRANSPORT INFORMATION

General: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number: No information required.

14.2. UN proper shipping name: No information required.

14.3. Transport hazard class(es)

Transport Labels: No transport warning sign required.

14.4. Packing group: No information required.

14.5. Environmental hazards

Environmentally Hazardous Not relevant

14.6. Special precautions for user: No information required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No information required.

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU Regulation Authorisations and/or Restrictions On Use: None

15.1.2 National Regulations: No additional information available. Users should ensure that they comply with any relevant local, provincial or national legislation.

15.2 Chemical Safety Assessment: Subject to REACH Registration, A REACH chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Information Sources : This SDS is prepared based on the information received from the product owner.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.