EARTH CARE PRODUCTS

Safety Data Sheet

1. Product and Company Identification:

Trade Name: CLEARTHEAIR™

Manufacturer: EARTH CARE PRODUCTS™
2205 Elevado Rd, Vista, CA 92084 USA
760 941-5302 phone 760 941-0680 fax
bvaughan@cleartheair.com

Recommended Uses: Odor Control, Flow Agent, Desiccant, Water Filtration, Sorbent

Restrictions for Use: **No** FDA approval for human consumption

2. Hazards Identification:

NO fibrous particles were present when tested by NIOSH.
Signal Word: Warning

GHS-US Pictograms: 

Hazard Statements:
H303 - May be harmful if swallowed
H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation

Precautionary Statements:
P261 - Avoid breathing dusts
P262 - Wash hands; forearm; exposed areas after handling
P280 - Wear eye/face protection; protective gloves (reference 29 CFR 1910.133 or EN166)
P284 - Wear respiratory protection. Use NIOSH approved dust
mask or respirator where dust occurs (reference 29 CFR 1910.134 or EN149)
P285 - In case of inadequate ventilation, wear respiratory protection
P312 - Call Poison Center or doctor/physician if you feel unwell
P301+P312 ï IF SWALLOWED: Call a poison center or doctor If you feel unwell.
P302+P352 ï IF ON SKIN: Wash with plenty of soap and water.
P332+P313 ï If skin irritation persists, get medical advice/attention.
P304+P341 ï IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304+P312 ï IF INHALED: Call a poison center or doctor if you feel unwell.
P305+P351+P338 ï IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 ï If eye irritation persists, get medical advice/attention.
P501 ï Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards:
NO crystalline silica was detected by X-ray diffraction analysis, but may be present above the notification level of 0.10%. (Crystalline silica is considered a hazard by inhalation.)
DOES NOT contain asbestos or fibrous minerals.

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3. Composition/ Information on Ingredients:

Chemical Name: Sodium aluminosilicate
Common Names: Clinoptilolite Nanotec, Nanotec Clinoptilolite Zeolite,
CAS # 12173-10-3
Oral Toxicity 5, H303 - May be harmful if swallowed
Skin Irritant 3, H316 - Causes mild skin irritation
Eye Irritant 2B, H320 - Causes eye irritation
STOT SE 3, H335 - May cause respiratory irritation

4. First Aid Measures:

Eye Contact: Remove cont5act lenses. Flush eyes with water for 15 minutes. See medical attention if irritation persists or worsens.

Inhalation: Move subject to fresh air. Rinse mouth and nasal passages with water. If irritation persists or worsens, seek medical attention.

Skin Contact: Rinse with water. Use hand moisturizer to sooth dryness. If irritation persists or worsens, seek medical attention.on

Ingestion: If ingested in large quantities, contact physician for permission to induce vomiting.

Most Important Symptoms:
Symptoms/Injuries After Eye Contact: Causes eye irritation, potential corneal scratching.
Symptoms/Injuries After Inhalation: May cause dry cough.
Symptoms/Injuries After Skin Contact: Causes dry, rough skin.
Symptoms/Injuries After Ingestion: May cause dry cough, slight nausea.

Notes to Physicians:
Earth Care Products Nanotec Clinoptilolite does not contain any additives.

5. Fire Fighting Measures:

Product is not considered combustible or flammable
Flash point: None Flammable limits: None
Not a fire or explosion hazard; *May be used to extinguish Class A and B Fires.*
Advice for Fire-Fighters: N/A

6. Accidental Release Measure:

Personal Precautions, Protective Equipment and Emergency Procedures
No known adverse effects to the environment. Avoid breathing dust.
Wear eye and face dust protection. Wear protective gloves.
Sweep or scoop up and dispose in non-hazardous waste.

For Non-Emergency Personnel
Use appropriate personal protection equipment (PPE)
Evacuate unnecessary personnel.

For Emergency Responders
Use appropriate personal protective equipment (PPE)
Ventilate area.

Environmental Precautions
There are no known adverse effects to the environment.

Methods and Material for Containment and Clean-Up
Sweep, scoop or vacuum loose material.
Dispose in landfill according to local, state, national and international regulations.

7. Handling and Storage:

Precautions for Safe Handling
Keep container closed when not in use.
Keep out of reach of children.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety procedures. Wash hands with mild soap and water before eating, drinking or smoking and again when leaving work.

Safe Storage Conditions
Keep container closed when not in use.
Store is a cool, dry place.
NO incompatible products and materials. NO special rules for packaging.

8. Exposure Controls/Personal Protection:

Ensure all national/local regulations are observed
Wear dust mask and safety glasses to prevent nuisance dust from entering nose, mouth and eyes. Wear eye/face protection, protective gloves.



9. Physical and Chemical Properties:

Appearance: off-white **odor: none** **Melting Point: 2520**
Boiling Point: N/A **Sp. Gravity: 2.2** **Solubility in Water: <0.01%**

10. Stability and Reactivity:

Hazardous Polyermeriztion: N/A **Incompatibility: None**
Hazardous Decomposition: N/A **Stability (pH): Stable 2.2 – 12**

11. Toxicological Information:

Not classified as hazardous.
CAS # 12173-10-3.

Possible outcomes of exposure:

Eye Contact:	**Low = Itchy, irritated eyes**	**Severe = Corneal abrasions**
Ingestion:	**Low = Dry cough**	**Severe = Gagging**
Inhalation:	**Low = respiratory irritation**	**Severe = shortness of breath**
Skin Contact:	**Low = Dry skin**	**Severe = Chapping**
Short-term exposure: see Low exposure		**Long-term exposure: see Severe exposure**

12. Ecological Information:

Food chain concentration: Not applicable **Waterfowl Toxicity: Not applicable**
Aquatic toxicity: Not applicable **Atmospheric: Not applicable**
Biochemical oxygen demand: Not applicable

13. Disposal Considerations:

Clinoptilolite Nanotec is not classified as hazardous under RCRA. Sweep or scoop up spilled material. Place in container for nonhazardous materials. May be disposed of in soils as an additive, or in sanitary landfill if uncontaminated by a hazardous material. If any hazardous materials are present, dispose of accordingly.

14. Transport Information:

Clinoptilolite Nanotec is not classified as hazardous material by the US DOT.
DOT Hazard: Not regulated **Hazard ID No(HID): None** **IMDG Hazard Class: N/A**

15. Regulatory Information:

CERCLA: Not classified as a hazardous substance.
California Prop 65: Nanotec Clinoptilolite is not listed by the state of California to cause cancer or reproductive toxicity.

16. Other Information:

Food and Drug Administration: 582.2727 Subpart C-Anticaking Agents: Sodium aluminosilicate is generally recognized as safe for use at a level not exceeding 2% in accordance with good manufacturing or feeding practice.

The information above is believed to be accurate and represents the best information currently available to us. We make no warranty, with respect to this information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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