

Genesis, An Environmental Corporation
Manufacturer MSDS Number: NFPA

0
1 0

HMIS

HEALTH1
FIRE0
REACTIVITY0
PPE

Patterson Dental Supply Product Code:
76315295

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Water Distiller Cleaner
Manufacturer Name: Genesis, An Environmental Corporation
Address:

P.O. Box 340, Station K
Toronto, Ontario M4P 2G7

Business Phone: (416) 488-1345
Business Fax: (416) 488-0473

Product Description:

White crystals, Essentially Odourless

For information in North America, call: (416) 488-1345

Manufacturer MSDS Revision Date:

October 19, 1999

Supersedes: None

Chemical Family: Dry Acid Blend

NFPA

Health: 1
Flammability: 0
Reactivity: 0
Other:

HMIS

Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection:

MATERIAL SAFETY DATA SHEET ESSENTIALLY SIMILAR TO OSHA-20

Hazard Classification: Not regulated
Shipping Name: Not regulated, use product name.

HAZARD SIGNAL:

0 û Insignificant
1 û Slight

- 2 û Moderate
- 3 û High
- 4 - Extreme Describes short term hazard only

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name
Sulfuric Acid CAS#
5329-14-6
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
SARA Section 313: No
Chemical Name
Citric Acid CAS#
77-92-9
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
SARA Section 313: No

SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:
Crystals
Color:
White
Odor:
Essentially Odourless
Vapor Pressure:
Not Applicable
Vapor Density:
Not Applicable
Boiling Point:
Decomposes
Solubility:
In water: Soluble
Specific Gravity:
Not Applicable
Evaporation Point:
Not Applicable
Percent Volatile:
Not Applicable
FlashPoint:
(Temp at which it gives off combustible vapors): Not Applicable
Upper Flammable Explosive Limit:
Non-combustible
Lower Flammable Explosive Limit:
Non-combustible

SECTION 4 : Fire And Explosion Hazards

Flash Point:
(Temp at which it gives off combustible vapors): Not Applicable
Upper Flammable or Explosive Limit: Non-combustible
Lower Flammable or Explosive Limit: Non-combustible
Extinguishing Media:

No restriction. (Product dissolves in water)

Fire Fighting Instructions:

Firefighters should wear self-contained breathing apparatus. Use protective clothing to avoid skin contact with product.

Unusual Fire Hazards:

None (non-combustible)

SECTION 5 : Health Hazards

Applies to All Ingredients:

Potential Health Effects:

Eye Contact:

Burns

Skin Contact:

Possible irritation or burns upon prolonged contact.

Inhalation:

(Of dust) irritation of nose and throat. Note, inhalation of dust is an unlikely route of exposure. This product is denoted and non-volatile.

Ingestion:

Burns of mouth and mucous membranes.

Chronic Health Effects:

May cause irritation to the skin, eyes and mucous membranes.

Carcinogenicity:

This product has not been identified as a carcinogen or probable carcinogen by: NTP, IARC Monographs, or OSHA.

Aggravation of Pre-Existing Conditions:

Unknown

Threshold Limit Value: Not Applicable. We recommend as 8-hour time weighted average of 1 mg/m³ in air.

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if applicable. Contact a physician.

Skin Contact:

Rinse thoroughly with soap and water. Remove contaminated clothes and wash before reuse. Contact a physician if irritation persists.

Inhalation:

Remove to fresh air. If breathing difficulties occur seek medical attention.

Ingestion:

Drink large quantities of water. Do not induce vomiting. Call for medical advice or assistance

SECTION 7 : Reactivity Data

Chemical Stability:

Stable: Yes

Conditions to Avoid:

None

Incompatibilities with Other Materials:

Bases, carbonates, metal oxides, active metals, chlorine, hypochlorous acid, hypochlorites, cyanides or sulfides.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

SOx, NOx and ammonia

SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Sweep up spills and wash spilled area with water.

Other Precautions:

Store in a cool dry, place away from sources of contamination. Keep container closed to avoid caking or contamination.

Handling:

Incidental contact with this product normally causes no harm. However, as with any industrial cleaner, some basic safety measures should be observed. Gaurd against ingestion of dusts, etc and wash thoroughly after handling. Do not get in eyes, on skin, or leave on clothing.

Storage:

Store in a cool dry place away from sources of contamination. Keep container closed to avoid caking or contamination.

Waste Disposal:

Dispose of waste as allowed by local, state and federal regulations.

DOT Shipping Name:

Not regulated, use product name

DOT Hazard Class: Not regulated

SECTION 9 : Control Measures

Ventilation System:

Use with adequate ventilation to avoid breathing dust. (product is dedusted). Avoid breathing concentrated mists or sprays.

Hand Protection Description:

Protective Gloves: Rubber gauntlet type.

Eye/Face Protection:

Safety goggles and/or face shield where conditions warrant.

Respiratory Protection:

None normally required.

Other Protective:

Eyewash stations. Rubber protective clothing as required to avoid prolonged or repeated skin contact.

SECTION 10 : Other Information

Sulfuric Acid :

Section 313 Toxic Release Form (Yes/No) : No

Citric Acid:

Section 313 Toxic Release Form (Yes/No) : No

HMIS:

Health Hazard: 1 û Slight
Fire Hazard: 0 û Insignificant
Reactivity: 0 û Insignificant

NFPA:

Fire Hazard: 0 û Insignificant
Health: 1 û Slight
Reactivity: 0 û Insignificant

MSDS Revision Date:

October 19, 1999

Supersedes: None

MSDS Author:

MTO

Disclaimer:

The above information is, in the best of our knowledge, current, accurate, and or complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us as to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be considered as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances arise or because of applicable laws or regulations.

Hazard Signal:

(0 û Insignificant, 1 û Slight, 2 û Moderate, 3 û High , 4 - Extreme
Describes Short Term Hazard Only)

Abbreviations:

NE: Not Established

NA: Not Applicable