Safety Data Sheet
Vac Attak™ Evacuation Cleaner

***1. Identification**

Product Name: Vac Attak™ Evacuation Cleaner

Premier® Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
Phone: 610-239-6053 Fax: 610-239-6171
Emergency Phone: 610-239-6000

Recommended Use: Evacuation System Cleaner

Restrictions for Use: No known restrictions

2. Hazards Identification

Classification of the substance or mixture



Corrosion

Causes serious eye damage



Harmful if swallowed.
Causes skin irritation.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word Danger

Hazard-determining components of labeling:
tetrasodium ethylenediaminetetraacetate
disodium metasilicate

Hazard statements
Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.

Precautionary statements
Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label)
Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention.
Rinse mouth.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF ON SKIN: Wash with plenty of water.
Immediately call a POISON CENTER/doctor.
Dispose of contents/container in accordance with local/regional/national/international regulations.

~Verified on 2014-10 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-10. ~

Classification system:
NFPA ratings (scale 0 - 4)



Health = 2
Fire = 0
Reactivity = 1

HMIS-ratings (scale 0 - 4)



Health = 2
Fire = 0
Reactivity = 1

*3. Composition / Information on Ingredients:

Chemical characterization: Mixtures
Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous Components:		
64-02-8	tetrasodium ethylenediaminetetraacetate Eye Dam. 1, H318; Acute Tox. 4, H302	15-40%
497-19-8	sodium carbonate Eye Irrit. 2, H319	15-40%
6834-92-0	disodium metasilicate Skin Corr. 1B, H314; STOT SE 3, H335	1-5%

*4. First Aid Measures

Description of first aid measures
General information:
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
After inhalation:
Take affected persons into fresh air and keep quiet.
If having difficulty breathing, contact emergency personnel immediately
In case of unconsciousness, place patient securely on side position for transportation.
After skin contact:
Remove contaminated clothing. Wash clothing before reuse.
If irritation occurs consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
After eye contact:
Hold eyelids apart and flush eyes with plenty of water for at least 20 minutes.
Seek medical treatment.
Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:
Give large amounts of water or milk.
Do not induce vomiting; immediately call for medical help.
Most important symptoms and effects, both acute and delayed: No further relevant information available.
Indication of any immediate medical attention and special treatment needed:
This product contains sodium carbonate at a low concentration. While no adverse complications are expected, consider endoscopy in all suspected cases of poisoning. Perform blood analysis to determine if dehydration, acidosis or other electrolyte imbalances occurred.

*5. Fire-Fighting Measures

Extinguishing media
Suitable extinguishing agents: Use fire fighting measures that suit the environment.
Special hazards arising from the substance or mixture:
As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard
Advice for firefighters
Protective equipment: Full protective clothing and self-contained breathing apparatus should be worn.

***6. Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Refer to section 8
Environmental precautions: Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to section 13.
Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

***7. Handling and Storage**

Precautions for safe handling: Avoid contact with skin, eyes and clothing
Information about protection against explosions and fires:
Avoid dust formation and control ignition sources.

Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Keep container tightly closed.
Store in a well ventilated place.
Store in a cool, dry place.
Do not store in aluminum, carbon steel, copper, copper alloys, fiberglass, brass, zinc, nickel or galvanized containers.
Information about storage in one common storage facility: Not required.
Further information about storage conditions:
Use PET, HDPE and/or related plastics for suitable packaging
Specific end use(s): No further relevant information available.

***8. Exposure Controls / Personal Protection**

Additional information about design of technical systems: No further data; see section 7.

Control parameters
Components with occupational exposure limits:
Federal guidelines suggest to treat the ingredient in this product as a nuisance dust, as no product specific guidelines have been issued for exposure.
Particulated Not Otherwise Regulated: OSHA (PEL?TWA): 15 mg/m3 (total dust); 5 mg/mg3 (resp fraction)·
Additional information: The lists that were valid during the creation were used as basis.

Exposure controls
Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.
Personal protective equipment:
General protective and hygienic measures:
Keep away from tobacco products.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
Breathing equipment: Not required.
Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Select glove material based on penetration times, rates of diffusion and degradation.

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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
Eye protection:
Have a safety shower and eyewash fountain readily available in the immediate work area
Safety glasses
Body protection: Protective work clothing

*9. Physical and Chemical Properties

Information on basic physical and chemical properties
General Information
Appearance:

Form:	Crystalline powder
Color:	White to orange
Odor:	No significant odor
Odor threshold:	Not determined.
pH-value @ 20 °C (68 °F):	10
Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not determined.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not applicable.
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	>10%
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Solvent content:	
Organic solvents:	0.0 %
Solids content:	100.0 %
Other information	No further relevant information available.

*10. Stability and Reactivity

Reactivity: No further relevant information available.
Chemical stability: Product is stable under normal conditions.
Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid:
Avoid strong oxidizing agents, aluminum, heat, moisture and other incompatible materials as stated above.

Incompatible materials:
Oxidizing agents, strong bases, copper, copper alloys and nickel Sodium carbonate reacts with fluorine, aluminum, phosphorous pentoxide, sulfuric acid, zinc lithium, moisture, calcium hydroxide and 2,4,6-trinitrotoluene and reacts violentlywith acid to form carbon dioxide.
Hazardous decomposition products:
Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, oxides of phosphorous, oxides of sulfur and sodium oxides.

***11. Toxicological Information**
Information on toxicological effects
Acute toxicity:
Primary irritant effect:
on the skin: Irritant to skin and mucous membranes.
on the eye: Strong irritant with the danger of severe eye injury.
Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Sodium carbonate has been investigated as a mutagen and as a reproductive effector
Harmful
Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)
None of the ingredients is listed.

NTP (National Toxicology Program)
None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12. Ecological Information
Toxicity
Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.
Additional ecological information:
General notes:
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

***13. Disposal Considerations:**
Waste treatment methods
Recommendation:
Observe all federal, state and local environmental regulations when disposing of this material.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agent: Water, if necessary with cleansing agents.

***14. Transport Information:**
UN-Number

DOT, ADR, AND, IATA	Non-Regulated
IMDG	Non-Regulated Material
	Not Regulated

UN proper shipping name

DOT, ADR, AND, IMDG, IATA	Non-Regulated Material

Transport hazard class(es)
DOT, ADR, ADN, IMDG, IATA
Class Non-Regulated Material
Packing group
DOT, ADR, IMDG, IATA Non-Regulated Material
Environmental hazards:
Marine pollutant: No
Special precautions for user Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
UN "Model Regulation": -

15. Regulatory Information:

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

Section 355 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

TSCA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)
None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)
None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

GHS label elements
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Hazard pictograms



Signal word Danger

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Precautionary statements
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Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention.
Rinse mouth.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF ON SKIN: Wash with plenty of water.
Immediately call a POISON CENTER/doctor.
Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:		
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.		
State Right to Know		
64-02-8	tetrasodium ethylenediaminetetraacetate  Eye Dam. 1, H318;  Acute Tox. 4, H302	15-40%
497-19-8	sodium carbonate  Eye Irrit. 2, H319	15-40%
6834-92-0	disodium metasilicate  Skin Corr. 1B, H314;  STOT SE 3, H335	1-5%
All ingredients are listed.		

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Premier's revision date: 08-28-2014
Revision Number: 4
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)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam.1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Supplier's date: 7-21-2014
*** Data compared to the previous version altered.**
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