

SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Vacuum Fresh™ Tablets		Product P/N: 3548	WHMIS Classification:
Product Use: Daily tablet cleans and deodorizes vacuum lines			EPA#:
Manufacturer's Name: Palmero Health Care		Supplier's Name: Palmero Health Care	
Street Address: 120 Goodwin Place		Street Address: 120 Goodwin Place	
City: Stratford	State: CT	City: Stratford	State: CT
Postal Code: 06615	Emergency Telephone: 800-255-3924	Postal Code: 06615	Emergency Telephone: 800-255-3924
Date MSDS Prepared: 5/4/216	MSDS #: 505	MSDS Prepared By: BD	Phone Number: 203-377-6424

SECTION 2 - HAZARD IDENTIFICATION

Route of Entry: Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

Potential Health Effects: Effect on skin, eyes, ingestion and inhalation: unlikely route of exposure in small volume of tablets; unless tablet breaks into powder, then material may be irritant to mucous membranes.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Ingredients (specific):	%	CAS Number	PEL	TLV
Citric Acid	50.00%	77-92-9	Not Established	Not Established
Sodium Bicarbonate	49.20%	144-55-8	Not Established	Not Established
Acid Blue 9	0.40%	3844-45-9	Not Established	Not Established
Proprietary Bacteria Blend (in spore form)	0.40%	Not Required	Not Established	Not Established

SECTION 4 - FIRST AID MEASURES

Skin Contact: Wash with water, then soap and water, rinse thoroughly.

Eye Contact: Flush with water at least 15 minutes. Contact physician if irritation or redness occurs.

Inhalation: Move to fresh air. If irritant persists, seek medical attention.

Ingestion: Rinse mouth and drink plenty of water or milk. Do not induce vomiting. The bacteria in this product are not intended for ingestion and are non-native to the intestinal tract. Ingestion may cause diarrhea. Call physician immediately

Other:

SECTION 5 - FIRE FIGHTING MEASURES

Flammable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions:		
Means of Extinction: Extinguish by flooding with water. Product is not flammable. Decomposes above 250°C with release of carbon dioxide.			
Flashpoint (°C) and Method: No Flashpoint	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)	
	Not Applicable	Not Applicable	
Hazardous Combustion Products: Thermal decomposition may produce oxides of carbon			
NFPA Legend:	Insignificant - Extreme 0 1 2 3 4	HMIS Legend: 4=Extreme 3=Serious 2=Moderate 1=Slight 0=Minimal	
<input checked="" type="checkbox"/> NFPA	<input type="checkbox"/> HMIS	Health=0	Fire=0 Reactivity=0 Protective Equipment=Not Applicable

SECTION 6 - ACCIDENTIAL RELEASE MEASURES

Leak and Spill Procedures: Small volumes of tablets may be swept up and disposed of in the trash. Or, tablets may be dissolved in water and poured down any drain. If tablets are dry and unwrapped, collect and use material as originally intended. Wash away any residues with large amounts of water.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment: Small volume of tablets are individually sealed and do not need special handling. The active ingredient will not be affected by freezing, and will not be affected by temperature up to 150°C. Keep container strictly dry. Keep away from FIRE, HEAT, and FLAME. Avoid contact with eyes.

Storage Requirements: Keep lid firmly closed when not in use. Do not store on or near heat sources or naked flame. Avoid moisture. The active ingredient will not be affected by freezing, and will not be affected by temperature up to 150°C. Keep container strictly dry. Keep away from FIRE, HEAT, and FLAME. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process): No necessary for application or handling of this product in individual dosages or industrial size application dosages.			
Personal Protective Equipment:	<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type: None required. Wash hands after handling product. Wear protective clothing for repeated or prolonged use. Skin protection is not necessary for this product in individual dosages or industrial size application dosages. Caution should be used to avoid contact with eyes or prolonged skin contact. <u>DO NOT PUT TABLETS INTO EYES.</u> May cause impairment or vision and corneal damage.			

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid tablet	Odor and Appearance: blue tablet, order is characteristic	Odor Threshold (ppm): Not Applicable
Specific Gravity: (water=1) Not Applicable	Vapor Density (air=1): Not Applicable	Vapor Pressure (mmHg): Not Applicable
Evaporation Rate: Not Applicable	Boiling Point (°C): Not Applicable	Melting Point (°C): 150°C
pH: Neutral (in solution, when mixed with water after completion of effervescent action)	Volatile: Not Applicable	Solubility in Water: Freely Soluble

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	if no, under what conditions?
Incompatibility with Other Substrates:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	if yes, which ones? Strong acids
Reactivity, and under what conditions? Strong acids			
Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon			

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: Effect on skin, eyes, ingestion and inhalation: unlikely route of exposure in small volume of tablets; unless tablet	
Effects of Chronic Exposure: Effect on skin, eyes, ingestion and inhalation: unlikely route of exposure in small volume of tablets; unless tablet breaks into powder, then material may be irritant to mucous membranes.	
Irritancy of Product: Contact with eyes is painful and irritating. Prolonged or repeated contact with skin may cause irritation. <u>DO NOT PUT TABLETS INTO EYES.</u> May cause impairment or vision and corneal damage.	
Skin Sensitization: Avoid direct contact	Respiratory Sensitization: Avoid prolonged contact
Carcinogenicity-IARC: No	Carcinogenicity-ACGIH: No
Reproductive Toxicity: No	Teratogenicity: No
Embrototoxicity: No	Mutagenicity: No
Name of synergistic products/effects:	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: to be used in conjunction with water. The tablet is biodegradable.

SECTION 13 - DISPOSABLE CONSIDERATIONS

Waste Disposal: Small volumes of tablets may be cleaned and disposed of in trash, or in water and poured down drain (septic or wastewater system). Disposal should be done in accordance with Federal, State, and Local regulations.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information:	<input type="checkbox"/> PIN	<input type="checkbox"/> TDG	<input type="checkbox"/> DOT	<input type="checkbox"/> IMO	<input type="checkbox"/> ICAO	<input type="checkbox"/> Other
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Instructions: None

SECTION 15 - REGULATORY INFORMATION

WHMIS Classification:	OSHA:
SERA:	TSCA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CFR) and the MSDS contains all of the information required by CFR.

SECTION 16 - OTHER INFORMATION

Other Information: