SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Vacuum Shock™ Tablets		**Product P/N:** 3546	**WHMIS Classification:**
Product Use: Time-released tablet cleans odor causing bacteria and improve vacuum line function			**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: 5/29/2013	**MSDS #:** 500	**MSDS Prepared By:** BD	**Phone Number:** 203-377-6424

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Ingredients (specific):	%	CAS Number	PEL	TLV
Dimethyl benzyl ammonium chloride	38.60%		Not Applicable	Not Applicable
Inert Ingredients	61.40%		Not Applicable	Not Applicable

SECTION 3 - HAZARD IDENTIFICATION

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

Potential Health Effects: Have not been established (unnecessary exposure to this product or any chemicals should be avoided). Contact with eyes is painful and irritating. Prolonged or repeated contact with skin may cause irritation.

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: Not Applicable

Ingestion: Call physician immediately

Other:

SECTION 5 - FIRE FIGHTING MEASURES

Flammable: ❒ Yes √ No	**If yes, under which conditions:**

Means of Extinction: No information available. Dry contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Flashpoint (˚C) and Method: Not Determined	**Upper Flammable Limit (% by volume)**	**Lower Flammable Limit (% by volume)**
	Not Applicable	Not Applicable

Hazardous Combustion Products: Not Applicable

NFPA Legend: Insignificant - Extreme 0 1 2 3 4	**HMIS Legend:** 4=Extreme 3=Serious 2=Moderate 1=Slight 0=Minimal

❒ **NFPA** √ **HMIS** Health=1 Fire=1 Reactivity=0 Protective Equipment=Not Applicable

SECTION 6 - ACCIDENTIAL RELEASE MEASURES

Leak and Spill Procedures: Sweep up and collect in appropriate container. Wash areas with water.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment: Wash hands thoroughly after handling. Do not store near fire or open flame, protect from excessive heat and moisture.

Storage Requirements: Keep lid firmly closed when not in use. Do not store near fire or open flame, protect from excessive heat and moisture.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	❒ **ACGIH TLV** ❒ **OSHA PEL** ❒ **Other (specify)**

Specific Engineering Controls (such as ventilation, enclosed process): Not Applicable

Personal Protective Equipment:	❒ **Gloves** ❒ **Respirator** ❒ **Eye** ❒ **Footwear** ❒ **Clothing** ❒ **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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid tablet	**Odor and Appearance:** White amorphous crystalline solid, coconut oil	**Odor Threshold (ppm):** Not Applicable
Specific Gravity (water=1): 0.981	**Vapor Density (air=1):** Not Applicable	**Vapor Pressure (mmHg):** Not Applicable
Evaporation Rate: Not Applicable	**Boiling Point (˚F):** Not Applicable	**Melting Point (˚F):** 225˚F
pH: 7.0 neutral	**Volatile:** Not Applicable	**Solubility in Water:** 100% Soluble

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable	√ Yes	❒ No	**if no, under what conditions?**
Incompatibility with Other Substrates:	√ Yes	❒ No	**if yes, which ones?** Strong oxidizing agents

Reactivity, and under what conditions? Strong oxidizing agents

Hazardous Decomposition Products: Not Applicable

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: Vapor irritates eyes, nose, and throat. Liquid will temporarily damage eye tissue.

Effects of Chronic Exposure: Prolonged and/or repeated skin contact may be irritating.

Irritancy of Product: Contact with eyes is painful and irritating. Prolonged or repeated contact with skin may cause irritation.

Skin Sensitization: Avoid direct contact	**Respiratory Sensitization:** Avoid prolonged contact
Carcinogenicity-IARC: No	**Carcinogenicity-ACGIH:** No
Reproductive Toxicity: No	**Teratogenicity:** No
Embrotoxicity: 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: May be disposed in a permitted landfill in accordance with Federal, State, and Local regulations.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information:	❒ PIN	❒ TDG	❒ DOT	❒ IMO	❒ ICAO	❒ Other

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:

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express, or implied, and disclaims all liability arising from the use of this information.