

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name and Codes ProLine Wax Prep Item No. 40500, 40501, 40502		Product Synonyms Wax cleaner, surfactant	
Product Use Used by dental technicians, dental offices and jewelry makers		Product Packages Plastic jar and plastic bottle	
Manufacturer's Name Vacalon Company Inc			
Street Address 12960 Stonecreek Dr, Ste C			
City Pickerington		State OH	Country USA
Contact Information For General Product Details (Mon - Fri, 9:00 am - 5:00 pm EDT)			
Zip Code 43147	Telephone Number 614-577-1945	Fax Number 614-759-4999	
Date MSDS Prepared February 1, 2009	MSDS Prepared By Josh Andrachek	Phone Number 614-577-1945	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	CAS Number	OSHA PEL	ACGIH TLV
Isopropanol		67-63-0	400 ppm	400 ppm
Non - Hazardous Ingredients				
Water		7732-18-5	N/A	N/A
Proprietary ingredients		N/A	N/A	N/A

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation
(Emergency Overview) Appearance: Liquid with Light purple color Odor: Mild, sweet smell - Do not drink liquid. - Note: Overexposure to vapor is unlikely in the small quantities recommended for use
(Potential Health Effects) - Inhalation: Vapor or mist can cause headache, nausea, dizziness, incoordination, stupor, irritation of nose, throat, lungs. - Eyes: Burning, tearing, redness and swelling. - Ingestion: Irritation of digestive tract, cramps, vomiting, diarrhea. - Skin: Drying and cracking of skin

SECTION 4 — FIRST AID MEASURES

Skin Contact	Wash affected skin with soap and water.
Eye Contact	Flush eyes with large amount of water for at least 15 minutes. Seek attention if irritation persists.
Inhalation	Move subject to fresh air. Give artificial respiration if breathing has stopped. See physician.
Ingestion	Consult physician

Vacalon Company Inc - MSDS #74018

Product Identifier

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	General Hazards Warning: Flammable	
Means of Extinction CO2, Sand, extinguishing powder. Do not use water.		
Flashpoint (°C) and Method 20°C (68°F)	Upper Flammable Limit (% by volume) 12.7 @ 200°F	Lower Flammable Limit (% by volume) 1.5
Autoignition Temperature 425°C (797°F)	Explosion Data - Sensitivity to Impact N/A	Explosion Data - Sensitivity to Static Discharge N/A
Special Fire Fighting Procedures Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool containers.		
Unusual Fire and Explosion Hazards Vapors can travel to a source of ignition and flash back. Material can form explosive vapors with air.		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Steps must be taken to absorb with a liquid binding material such as sand, diatomite, acid binders, sawdust, etc
Personal Precautions: Appropriate protective equipment must be worn for handling spill, see section 8. If exposed to material, see section 4.
Environmental Precautions: Warning - Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Use only in well ventilated areas, Prevent the formation of aerosolized vapors.
Storage Requirements Store away from excessive heat or open flame. Store bottles upright with caps tight. Keep from freezing.
Other Precautions

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Specific Engineering Controls (such as ventilation, enclosed process) Use explosion proof local exhaust ventilation with minimum capture velocity of 100ft/min at point of vapor evolution.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Gloves: Chemical resistant Respirator: None required if good ventilation is maintained. Otherwise self contained breathing apparatus (pressure-demand, MSHA/NIOSH - approved or equivalent.) Eye: Chemical resistant goggles Clothing: Chemical resistant apron or other impervious cloth

Vacalon Company Inc - MSDS #74018

Product Identifier

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Light purple, sweet aromatic smell	Vapour Pressure 4100 Pa @ 20°C (68°F)
Specific Gravity (H ₂ O = 1) 0.90	Vapor Density (Air = 1) 0.7 at 20°C (68°F)	Melting Point -88°C (-126°F)
Evaporation Rate (Butyl Acetate = 1) 1.5	Boiling Point (°C) 82°C (180°F)	
pH N/E	Solubility in water Soluble	Other

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Keep away from strong oxidizing and reducing agents
Reactivity, and under what conditions?	
Hazardous Decomposition or By-Products Thermal decomposition or burning may produce CO2 and possibly CO.	
Hazardous Polymerization Will not occur	

SECTION 11 — TOXICOLOGICAL INFORMATION

LD50 Information Oral: Low toxicity: LD50 >2000 mg/kg, Rat Dermal: Low toxicity: LD50 > 2000mg/kg, Rabbit Inhalation: Low toxicity: LC50 >5000 ppm / 1 hours, Rat
Chronic/Carcinogenicity None

Vacalon Company Inc - MSDS #74018

Product Identifier

SECTION 12 — ECOLOGICAL INFORMATION

Ecological Information Avoid contamination of waterways. Contact authorities if significant contamination occurs.
--

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of according to Federal, State and Local laws
Special Shipping Information

SECTION 14 — TRANSPORT INFORMATION

DOT UN 1993, 1263; ORM-D Consumer Commodity, Flammable Liquid, n.o.s	WGK Other
---	--------------

SECTION 15 — REGULATORY INFORMATION

OSHA Considered hazardous under OSHA Hazard Communication California Prop 65 SARA 311/312	HWMs "Controlled Product" Contains no known substances known to cause cancer, birth defects, other Immediate (Acute) Health Hazard
--	---

SECTION 16 — OTHER INFORMATION

HMS Hazard Rating	1 Health	2 Fire	0 Reactivity	Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Minimum
-------------------	----------	--------	--------------	--

DISCLAIMER: This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Vacalon Company Inc. The data on this sheet relates only to the specific materials designated herein. Vacalon Company Inc assumes no legal responsibility for use or reliance upon these data.

Vacalon Company Inc - MSDS #74018