

MATERIAL SAFETY DATA SHEET

Aplicare Alcohol Prep

F 4019

(If empty, use used on label and lot)

Section I

Manufacturer's Name
Aplicare, Inc.
Address (Number, Street, City, and ZIP Code)
50 East Industrial Road
Branford, CT 06405

Emergency Telephone Number
Chemtrak (800) 424-9300
Telephone Number for Information
(203) 481-0500
Date Prepared
July 1, 2003
Signature of Preparer (optional)

Section II - Hazardous Ingredient/Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropyl Alcohol (CAS #67-63-0)	400 ppm			70

I- 440552 C-56728 ORM-D
I- 421263 C-68283 ORM-D
I- 350992 C-68238 ORM-D
I- 385671 C-V7806 ORM-D
I- 406550 C-V8122 ORM-D

Section III - Physical/Chemical Characteristics

Boiling Point	176°F	Specific Gravity (Water = 1)	0.878
Vapor Pressure (mm Hg)	Approx. 90	Melting Point	N/A
Vapor Density (AIR = 1)	2.1	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water	Soluble		
Appearance and Odor	A clear, colorless liquid with a pungent, alcohol odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
53 F (Closed cup)		2	12
Extinguishing Media	Dry chemical or alcohol type foam		
Special Fire Fighting Procedures	Use water to cool fire exposed area. Water spray may be ineffective in fighting fires		
Unusual Fire and Explosion Hazards	Respiratory protection required for fire fighting personnel. Stay upwind if possible. Vapors may form, travel and ignite.		

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	None known
		X

Incompatibility (Materials to Avoid)
Concentrated nitric and sulfuric acids, strong oxidizers, aldehydes and halogen compounds.
Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	None known
	X	

Section VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	X	N/A	X	Unlikely

Health Hazards (Acute/Chronic)
Slightly toxic if ingested; mildly irritating to eyes, nose and throat

Carcinogenicity	HTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure
If large amount ingested, stomach cramps, pain, nausea, vomiting, drowsiness and diarrhea may occur. Hiccups may result from inhalation of an excessive amount.

Medical Conditions
Generally Aggravated by Exposure: Unknown

Emergency and First Aid Procedures
Eyes: Flush with plenty of water and see a doctor.
Ingestion: Give a few glasses of water and induce vomiting. Inhaled: Remove to fresh air

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Materials is Released or Spilled
It is unlikely that this product, when spilled, will cause a problem; packaged as individual packets containing 1 - 2 mL of solution.
Waste Disposal Method
Any solution that is spilled may be wiped up with toweling and disposed of with garbage.

Precautions to Be Taken in Handling and Storage
Avoid storing in excessive heat (Greater than 104°F)

Other Precautions
None

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)	No personal protective equipment needed		
Ventilation	Local Exhaust	Special	N/A
	Mechanical (General)	Other	N/A
Protective Gloves	If desired	Eye Protection	If desired
Other Protective Clothing or Equipment	None required		
Work/Hygiene Practices	Normal		

MATERIAL SAFETY DATA SHEET

Aplicare IntegriIn PVP Prep Pads **P100165**
 IDENTITY (as used on label and SDS)

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None known
	Stable		
			X

Section I
 Manufacturer's Name: **Aplicare, Inc.**
 Address (Number, Street, City, and ZIP Code): **50 East Industrial Road, Branford, CT 06405**

Emergency Telephone Number: **Chemtrak (800) 424-9300**
 Telephone Number for Information: **(203) 461-0500**
 Date Prepared: **July 1, 2003**
 Signature of Preparer (optional):

Incompatibility (Materials to Avoid): **The elemental iodine is corrosive to some metals (i.e. iron) but is not corrosive to stainless steel.**

Hazardous Decomposition or Byproducts: **N/A**

Hazardous Polymerization: **May Occur** (Conditions to Avoid: **None known**)
Will Not Occur (X)

Section II - Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Iodine (CAS #7553-56-2)	0.1 ppm			

Section VI - Health Hazard Data

Route(s) of Entry: **Eyes? X** **Inhalation? X** **Skin? X** **Ingestion? Unlikely**

Health Hazards (Acute/Chronic): **May cause irritation to eyes.**

Cardiogenicity: **NTP? N/A** **IARC Monographs? N/A** **CSHA Regulated? N/A**

Signs and Symptoms of Exposure: **May cause irritation of eyes but should not cause irritation of respiratory tract or skin. May be harmful if swallowed.**

Medical Conditions Generally Aggravated by Exposure: **Unknown**

Emergency and First Aid Procedures: **Eyes: Flush with water for 15 minutes and seek physician if irritation persists. Ingestion: Give a suspension of starch or flour in water, induce emesis and call a physician.**

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (Water = 1)	1.04
Vapor Pressure (mm Hg)	Unknown	Melting Point	N/A
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water	Soluble		
Appearance and Odor	A dark brown liquid solution with a faint characteristic odor.		

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: **It is unlikely that this product, when applied, will cause a problem; packaged as individual packets containing 1-2 mL of solution.**

Waste Disposal Method: **Any solution that is spilled may be wiped up with blotting and disposed of with garbage.**

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Unknown	Flammable Limits	Non-flammable	LEL	N/A	UEL	N/A
Extinguishing Media	Water, carbon dioxide, powder.						
Special Fire Fighting Procedures	None specified.						
Unusual Fire and Explosion Hazards	Harsh iodine fumes are emitted when product is heated to greater than 176°F (80°C).						

Precautions to Be Taken in Handling and Storage: **Avoid storing in excessive heat (Greater than 104°F).**

Other Precautions: **None**

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): **No personal protective equipment needed.**

Ventilation: **Local Exhaust: X** **General: N/A**

Protective Gloves: **if desired**

Other Protective Clothing or Equipment: **None required**

Hygienic Practices: **Normal**

Special	N/A
Other	N/A
Eye Protection	if desired