

MATERIAL SAFETY DATA SHEET

File #: MSDS 602

Operand Povidone Iodine Low Viscosity Scrub
IDENTITY (As Used on Label and List)

Section V -- Reactivity Data			
Stability	Unstable		Conditions to Avoid None known.
	Stable	x	

Section I	
Manufacture's Name Aplicare, Inc.	Emergency Telephone Number Chemtrek (800) 424-9300
Address (Number, Street, City, and ZIP Code) 280 Prichard Industrial Park Prichard, West Virginia 25555	Telephone Number for Information 1-304-486-5656
	Date Prepared November 7, 2006
	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 of Byproducts N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid None known.
	Will Not Occur	x	

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
This product contains disodium phosphate and may contain phosphoric acid used as the pH buffering system in a combined concentration of approximately one (1) percent. This product contains no other hazardous ingredients.				

Section VI -- Health Hazard Data

Route(s) of Entry:	Eyes?	Inhalation?	Skin?	Ingestion?
	x	N/A	x	By accidental or intentional misuse.
Health Hazards (Acute/Chronic) Accute Oral Toxicity: Rats LD50@ 24 hours: 750 mg available iodine/kg. Extrapolation: A 150# adult would have to drink one gallon of product to reach lethal dose 50. Overexposure may occur if excessive amounts are absorbed through broken skin, burns or deep wounds.				

Carcinogenicity: For Ingredients:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure SKIN: If irritation, redness, pain or swelling persists or increases, discontinue use and consult a physician. Povidone-Iodine should not be used on patients or by personnel with skin sensitivity to iodine.			
Medical Conditions Generally Aggravated by Exposure: Overexposure symptoms reflect iodine overexposure. Severe hypernatremia and acidosis have been reported as well as increased serum iodine levels.			
Emergency and First Aid Procedures Eyes: Flush with water for 15 minutes and seek physician if irritation persists. Skin: If irritation develops, discontinue use and seek medical attention. INGESTION: Do not induce vomiting. Drink large quantities of water or milk and call physician immediately.			

Section III -- Physical/Chemical Characteristics

Boiling Point	207°F	Specific Gravity (Water = 1)	1.045
Vapor Pressure (mm Hg.) Due to 90% Water	Unknown	Melting Point	N/A
Vapor Density (AIR = 1) Due to 90% Water	Unknown	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Soluble. Water will be tinted brown because of available iodine.		
Appearance and Odor	A dark brown liquid detergent solution with a faint characteristic odor.		

Section VII -- Precautions for Safe Handling and Use

Steps to Be taken in Case Materials is Released or Spilled Large Spills: (55 gallon drums) Spills should be contained and taken up with absorbent material. Do not discharge into waterways or sewer systems. Small Spills: Take up with absorbent material or flush with water to sewer system.	
Waste Disposal Method Dispose of or flush to sewage disposal system in accordance with all regulatory guidelines. Sodium Thiosulfate may be used to neutralize the iodine.	

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) N/A (Water Solution)	Flammable Limits Non-flammable	LEL N/A	UEL N/A
Extinguishing Media No recommendations or restrictions for product.			
Special Fire Fighting Procedures Firefighters should be equipped with self-contained breathing apparatus.			
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 Storing Avoid storing in excessive heat (Greater than 104°F).	
Other Precautions Contact manufacturer for disposition of expired product.	

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type) No personal protective equipment needed.			
Ventilation	Local Exhaust	N/A	Special N/A
	Mechanical (General)	N/A	Other N/A
Protective Gloves		N/A	Eye Protection: Avoid contact with eyes.
Other Protective Clothing or Equipment		N/A	
Work/Hygienic Practices		N/A	