

38089001 ATTN: ROBYN

<b>Material Safety Data Sheet</b>	EMERGENCY PHONE NUMBERS	HAZARD RATING * EXTREME ** HIGH *** MODERATE 1 = FLIGHT C = DANGEROUS ** SEVERELY		
	773-478-2825			
<b>I. General Information</b>				
Manufacturer	PRESERVATION SOLUTIONS 2650 West Montrose Avenue Chicago, Illinois 60618		Trade Names & Synonyms <b>CELLUGEL</b>	
DOT Hazard Classification	Flammable Liquid	Chemical Family	Mixture	
Proper DOT Shipping Name	Flammable Liquid			
Prepared By:	D.C. Atkins & Sons Inc.	LEGEND: N/E = Not Established N/A = Not Applicable		
Date:	4/10/03			
<b>II. Ingredients</b>				
Hazardous Components		CAS Number	Percent	ACGTH TLV
Isopropyl Alcohol		67-63-0	80 - 97	400 ppm
Other ingredients are not considered hazardous per				
29 CFR paragraph 1900.1200				
<b>III. Physical Data</b>				
Boiling Point (deg. F)	approx. 180	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 0.8	
Vapor Pressure (mm Hg)	approx. 31	Percent Volatile	Approx. 96	
Vapor Density (Air=1)	approx. 2	Evaporation Rate (BuOAc = 1)	7.7	
Solubility in Water	Complete	Reactivity in Water	None	
Appearance & Odor	Clear liquid; Fragranced	pH	Not applicable	
<b>IV. Fire &amp; Explosion Hazard Data</b>				
Flash Point (Test Method)	Retflash Closed Tester	Flammable Limits	12 %	UEL 2.5% LEL
	3	Auto Ignition Temperature	NE	
Extinguishing Media	<input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Alcohol foam <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> Dry Chemical <input checked="" type="checkbox"/> Water Spray <input checked="" type="checkbox"/> Water <input type="checkbox"/> Not Applicable <input type="checkbox"/> Other			
Special Fire Fighting Procedures	Vapors are heavier than air and may travel along the ground to a source of ignition.			
Unusual Fire & Explosion Hazards	Remove all source of ignition; heaters, sparks, electric motors, or cutting torches.			

V. Health Hazard Data			
Threshold Limit Value of Product	OSHA PEL	ACGIH TLV 400 ppm	Carcinogen None known
<b>SYMPTOMS OF EXPOSURE AND ROUTES OF ENTRY</b>			
<b>EYES:</b>	Severe irritation, redness, tearing, and blurred vision.		
<b>SKIN:</b>	Prolonged contact may result in irritation, defatting of skin, and possibly dermatitis.		
<b>INHALATION:</b>	Nasal and respiratory irritation		
<b>INGESTION:</b>	Gastrointestinal irritation, nausea, vomiting, diarrhea.		
<b>FIRST AID</b>			
<b>EYES:</b>	Flush with large quantities of water, lifting upper and lower lids occasionally; get medical attention.		
<b>SKIN:</b>	Wash area with soap and water; remove contaminated clothing and footwear		
<b>INHALATION:</b>	Remove victim to fresh air. Call a physician if breathing has stopped		
<b>INGESTION:</b>	Give at least two glasses of water. Induce vomiting immediately. Call a physician		
VI. Reactivity Data			
Stability	<input checked="" type="checkbox"/> Unstable <input type="checkbox"/> Stable	Conditions to Avoid	Excessive heat
Incompatibility		Materials to Avoid	Oxidizing materials
Hazardous Polymerization	<input checked="" type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur	Conditions to Avoid	
Hazardous Decomposition Products	Oxides of carbon on incineration.		
VII. Environmental Protection Procedures			
Spill Response	Adsorb or inert adsorbent and dispose of as a flammable solid. For a large spill, remove all sources of ignition and dikes, Pump into suitable containers for ultimate disposal.		
Waste Disposal Method	Incinerate in accordance with all applicable regulatory ordinances.		
VIII. Special Protection Information			
Eye Protection	Not normally needed.	Skin Protection	Not normally needed.
Respiratory Protection (Specific Type)	Not normally needed.	Ventilation Recommended	General
Other Protection	Not normally needed.		
IX. Special Precautions			
Hygiene Practices in Handling & Storage	Keep closures on containers when not in use. Store in a cool place.		
<b>OTHER PRECAUTIONS</b>	Keep away from all possible sources of ignition.		
<b>DISPOSAL OF EMPTY CONTAINERS</b>	Flush with water before disposing of containers		