TALAS
EST 1962

Material Safety Data Sheet

EMERGENCY PHONE NUMBERS	HAZARD RATING
773-478-2825	4= EXTREME 3= HIGH 2= MODERATE 1= SLIGHT 0= INSIGNIFICANT ** SEE SECTION V

TOXICITY 1 | FIRE 4 | REACTIVITY 0 | SPECIAL

I. General Information

Manufacturer: PRESERVATION SOLUTIONS 2650 West Montrose Avenue Chicago, Illinois 60618	Trade Names & Synonyms: CELLUGEL
DOT Hazard Classification: Flammable Liquid	Chemical Family: Mixture
Proper DOT Shipping Name: Flammable Liquid	
Prepared By: D.C. Atkins & Son, Inc. Date: 6-1-2010	LEGEND: N/E = Not Established N/A = Not Applicable

II. Ingredients

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			

III. Physical Data

Boiling Point (deg. F)	Approx. 180	Specific Gravity (H2O=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

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	Setaflash Closed Tester 53	Flammable Limits	12 % UEL 2.5% LEL
		Auto Ignition Temperature	NE

Extinguishing Media

[X] Foam [X] Alcohol Foam [X] CO2 [X] Dry Chemical [X] Water Spray [X] Water [ ] Not Applicable [ ] 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

Threshhold Limit Value of Product	OSHA TEV	ACGTH TLV	Carcinogen
		400 ppm	None known

SYMPTOMS OF EXPOSURE AND ROUTES OF ENTRY

EYES: Severe irritation, redness, tearing, and blurred vision.

SKIN: Prolonged contact may result in irritation,defatting of skin, and possibly dermatitis.

INHALATION: Nasal and respiratory irritation

INGESTION: Gastrointestinal irritation, nausea, vomiting, diarrhea.

FIRST AID

EYES: Flush with large quantities of water, lifting upper and lower lids occasionally; get medical attention.

SKIN: Wash area with soap and water; remove contaminated clothing and footwear.

INHALATION: Remove victim to fresh air. Call a physician if breathing has stopped.

INGESTION: Give at least two glasses of water. Induce vomiting immediately. Call a physician.

VI. Reactivity Data

Stability		Unstable	Conditions to Avoid: Excessive heat
	X	Stable	
Incompatability			Materials to Avoid: Oxidizing materials
Hazardous Polymerization		May Occur	Conditions to Avoid
	X	Will Not Occur	

Hazardous Decomposition Products : Oxides of carbon on incineration.

VII. Environmental Protection Procedures

Spill Response: Adsorb on inert adsorbent and dispose of as a flammable solid. For a large spill, remove all sources of ignition and dike area. 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 normallly needed.	Ventilation Recommended: General

Other Protection: Not normally needed.

IX. Special Precautions

Hygenic Practices in Handling & Storage: Keep closures on containers when not in use. Store in a cool place.

OTHER PRECAUTIONS: Keep away from all possible sources of ignition.

DISPOSAL OF EMPTY CONTAINERS: Flush with water before disposing of containers.