

Spirits USP™ SDS

1. IDENTIFICATION					
Product Name	Spirits USP™	Manufacturer	Micrylium Laboratories Inc.		
Registration	CAN	Address	5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com		
Indication	Solvent	Phone	416-667-7040		
		Fax	416-667-0071		
Emergency Phone #	CHEMTREC	1-800-424-9300	CANUTEC 1-613-996-6666		
2. HAZARD IDENTIFICATION					
Symbol Pictogram	 	Signal Word	Warning		
		Symbol	Flame		
Hazard Classification	Flammable Liquid Category 3				
Health Hazard	Use Care (See Precautionary and Hazard Statements)	Environmental Hazards	Dispose with care (Highly Flammable)		
Precautionary & Hazard Statements	P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames & other ignition sources. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water.	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.			
3. COMPOSITION					
Chemical	CAS #	LD-50 (Oral, mg/kg)- Rat	Concentration (%)		
Ethanol	64-17-5	7,060	90.0%		
Isopropyl Alcohol	67-63-0	5,045	7.0%		
Ethyl Acetate	141-78-6	5,620	3.0%		
4. FIRST AID MEASURES					
Inhalation	If breathing is difficult, remove individual to fresh air.	Ingestion	Drink large quantities of milk or water to dilute. Do not induce vomiting.		
Skin Contact	May cause dryness or irritation with prolonged contact.	Eye Contact	Causes serious eye irritation		
Most Important Symptoms and Effects (Acute and Delayed)					
May cause acute mild drowsiness, respiratory and/or eye irritation.					
Indication of any Immediate Medical Attention and Special Treatment Needed					
Not Applicable.					
5. FIREFIGHTING MEASURES					
Use dry chemical, foam, or CO ₂ . Use water spray to disperse vapours if needed. Firefighters: As with any fire, wear self-contained breathing apparatus.					
6. ACCIDENTAL RELEASE					
Use all means to prevent spillage. No other specific measures are necessary, provided vapours are not permitted to build up.					
7. HANDLING & STORAGE					
Store in a cool, dry, well-ventilated location. Keep away from heat, sparks and flames. DO NOT mix with bleach or peroxides. Storage and Transport: 0°- 30°C					
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION					
Respiratory protective equipment may be required if vapours are not permitted to escape. No other specific measures required.					
Component	ACGIH TLV	OSHA PEL	NIOSH		
Ethanol	STEL: 1000 ppm	(Vacated) TWA: 1000 ppm (Vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³		
9. PHYSICAL AND CHEMICAL PROPERTIES					
Physical State	Colour	Odour	Solidification point		
Transparent, Liquid	Clear	Alcohol	Boiling point OECD 103		
			Flash Point ASTM D53		
			Density @25°C		
			pH		
			Kinematic Viscosity@23°C		
10. STABILITY AND REACTIVITY					
Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts Decomposition: Products: CO ₂ , CO					
11. TOXICOLOGICAL DATA					
Acute Dermal Toxicity	LD ₅₀ >2000 mg/kg. Not found to be dermal sensitizer.	Acute Oral	LD ₅₀ >7000 mg/kg		
Ocular Irritation	Not Available	Acute Inhalation Toxicity	LC ₅₀ : 2.3 mg/L Rat		
Reproductive Hazards	Ingestion and Inhalation can be harmful. (TDLo 190mg/Kg Ethanol)	Carcinogenicity	Ingestion of Ethanol IARC Group 1.		
12. ECOLOGICAL INFORMATION					
Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data.					
Ethanol	EC50 (72h) = 275 mg/L (Chlorella vulgaris)	Fathead minnow (Pimephales promelas) LC50 = 14200 Mg/L/96h	Photobacterium Phosphoreum:EC50 = 34634 Mg/L/30 min Photobacterium Phosphoreum:EC50 = 35470 Mg/L/5 min		
13. DISPOSAL CONSIDERATIONS					
Domestic. Dilute 4:1 with water. This product is flammable.					
14. TRANSPORT INFORMATION					
Emergency Response Guide #127					
	Land	Sea	Air (IATA)		
	Hazard Class 3	Hazard Class 3	N/A not to be shipped by air		
	UN 1170 Packaging Group II	UN 1170 Packaging Group II	N/A not to be shipped by air		
	Limited Quantity 1L	Limited Quantity 1L	N/A not to be shipped by air		
15. REGULATORY INFORMATION					
TSCA – No reporting required.		CERCLA – No hazardous pollutants or ozone depletion.			
16. OTHER INFORMATION					
The information and recommendations contained herein are based on information believed to be correct. It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied.					
Effective Date: 2025/10/31			Document: Spirits 2.0		