

MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	COTHIVET®		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	944 Nandino Blvd	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	inform@neogen.com
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Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Common Names)	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD ₅₀
ETHYL ALCOHOL 95% 60% v/v CAS 64-17-5	1000 ppm	3300 ppm	Oral-Rat 7,060 mg/kg
COTHILYNE MIXTURE	No Data Available	No Data Available	Oral-Rat 8,305 mg/kg

Section III – Physical Characteristics	
Boiling Point: No Data Available	Specific Gravity (H ₂ O = 1): 0.828 g/ml
Vapor Pressure (mm Hg.): No Data Available	Melting Point: N/A
Vapor Density (AIR = 1): No Data Available	Evaporation Rate (Butyl Acetate = 1): No Data Available
Solubility in Water: Complete	
Appearance and Odor: Greenish brown liquid, odor not established.	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): Flammable	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: CO ₂ , Dry chemical powder, water fog	
Special Fire Fighting Procedures: N/A	
Unusual Fire and Explosion Hazards: Avoid direct exposure to flame or static discharge.	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Oxidant			
Hazardous Decomposition or Byproducts: N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid: Direct exposure to flame or contact with oxidants.
	Will Not Occur	X	

Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation-Moderate	Skin-Minor	Ingestion-Minor
Health Hazards (Acute and Chronic)	Inhalation may cause headache or irritation.		
Carcinogenicity:	NTP-Not Listed (National Toxicology Program)	IARC Monographs-Not Listed (International Agency for Research in Cancer)	OSHA Regulated-Yes Flammable
Signs and Symptoms of Exposure: Inhalation-difficulty in breathing or irritation. Headache may result.			
Medical Conditions Generally Aggravated by Exposure: Asthma			
Emergency / First Aid Procedures	Ingestion: Unlikely route of exposure, however ingredients are non-toxic. Acute toxicity greater than 5000 mg/kg		
	Inhalation: If irritation or difficulty in breathing result, stop use and consult a physician.		
	Eye Contact: Rinse with water and consult a physician.		
	Skin Contact: Wash with soap and water. If irritation results, consult a physician.		

Section VII – Precautions for Safe Handling and Use
Accidental Release Measures: Eliminate all sources of flame or heat. Rinse with copious amounts of water.
Waste Disposal Method: Dilute with water and absorb with absorbent towels. Dispose of according to local, state and Federal regulations.
Handling and Storing: Use adequate ventilation. Avoid heat and open flames.
Other Precautions: Shipping – Consumer Commodity. Ground or water transportation only. (No Air Shipments) “ORM-D” mark required on shipper.

Section VIII – Control Measures		
Respiratory Protection (Specify Type): None		
Ventilation	Local Exhaust: Adequate ventilation.	Special:
	Mechanical (General):	Other:
Protective Gloves: None	Eye Protection: Safety Glasses	
Other Protective Clothing or Equipment: Normal work practices and equipment which minimize prolonged skin or eye contact.		
Work / Hygienic Practices: Wash hands with soap and water after use.		

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