

MATERIAL SAFETY DATA SHEET

EPOLIGHT™ 5768

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

QUICK IDENTIFIER

Common name: (used on label and list)

SECTION 1 - NEAR INFRARED DYE - EPOLIGHT™ 5768

Manufacturer's Name			
Name	EPOLIN, INC.		
Address	358-364 Adams Street	Emergency Telephone No.	CHEMTREC 800-424-9300
			International 703-527-3887
City, State and ZIP	Newark, New Jersey 07105	Other Information	(973) 465-9495
		Calls	
Signature of Person Responsible for Preparation (Optional)	Updated	09/26/2007	

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (Chemical & Common name(s))	OSHA PEL.	ACGIH TLV	Other Exposure Limits	% (Optional)	CAS NO.
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The specific chemical identity is being withheld as a trade secret Proprietary

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity(H ₂ O=1)	N/A	Vapor Pressure(mm Hg)	N/A
Vapor Density (Air=1)	N/A	Solubility in Water	Insoluble		
Reactivity in Water	N/A				
Appearance	Light Green Powder	Melting Point	230 C		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Method F. C. Used	Flammable Limits in Air % by Volume	LEL Lower	N/A	EL Upper
Auto-Ignition Temperature	N/A		Extinguisher Media	Use water, CO ₂ , or dry chemical to extinguish fire.		
Special Fire Fighting Procedures	Wear self contained, positive pressure breathing apparatus. Dust may be explosive when mixed with air.					
	Use full protective clothing.					
Unusual Fire and Explosion Hazards	Nothing more than conventional fine organic powders.					

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)**(Epolight™ 5768)**

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to avoid	Heat & High Humidity
Incompatibility (Materials to Avoid)	Strong Oxidizing Agents		
Hazardous Decomposition Products	Thermal decomposition may produce Carbon oxides, Nitrogen oxides, Hydrogen Fluoride		
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to avoid	None Known

SECTION 6 - HEALTH HAZARDS - SIMILAR PRODUCTS HAVE THE FOLLOWING PROPERTIES

1. Acute LD ₅₀ >5,000mg/kg	2. Chronic N/A		
Signs and Symptoms of Exposure	Severe eye irritation		
Medical Conditions Generally Aggravated by Exposure	N/A		
Chemical Listed as Carcinogen or Potential Carcinogen	No National Toxicology Program Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Emergency and First Aid Procedures	Eyes - flush with water, get medical attention		
ROUTES OF ENTRY	1. Inhalation	Remove to fresh air, get medical attention	
	2. Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately	
	3. Skin	Wash off with soap and water. Get medical attention immediately	
	4. Ingestion	Do not induce vomiting. Give victim a glass of water and seek medical attention.	

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Use only with adequate ventilation.
	Respiratory protection is generally not required during normal operations.
	Wear the following as necessary to prevent skin contact; work pants, long sleeves, work shirt and impervious gloves.
Other Precautions	N/A
Steps to be Taken in Case Material is Released or Spilled	Sweep up and place in waste disposal container. Flush area with water.
Waste Disposal Methods (Consult federal, state, and local regulations)	Disposal must be made with a qualified waste haul and disposer. This should be done according to government regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	Maintain good housekeeping to control dust.			
Ventilation	Local Exhaust	Mechanical (General)	Special	Other
Protective Gloves	Rubber Gloves	Eye Protection	Chemical Safety Goggles	
Other protective Clothing or Equipment	N/A			
Work/Hygienic Practices	Engineering controls are not usually necessary, if good hygiene practices are followed.			

IMPORTANT - Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.