



MATERIAL SAFETY DATA SHEET DICAFLLOCK CELLULOSE PRODUCTS

**1. PRODUCT AND COMPANY INFORMATION**

DICALITE MINERALS CORP. 1 Bala Avenue, Suite 310, Bala Cynwyd, PA 19004

**Trade Name(s):** Dicafllock, DF-5, DF-10, DF-40, DF-100, DF-200  
**Generic Name:** Cellulose Fiber  
**CAS #:** 9004-34-6  
**EINECS:** NA  
**Formula:** Cellulose  
**Chemical Name:** Cellulose  
**Manufacturer:** DICALITE MINERALS, CORP.  
**Address:** 1 Bala Ave, Suite 310  
**Telephone:** (610)660-8840 (530)-335-5451  
**City:** Bala Cynwyd **State:** PA **Zip:** 19004  
**Primary Material Use:** Multi-Functional Industrial/Commercial Mineral  
**Date of Preparation:** 11/2011 **by:** Dicalite Minerals Corp.

**2. COMPOSITION-INGREDIENT INFORMATION**

INGREDIENT NAME	CAS NUMBER	%	PEL/TLV
Cellulose Fiber	9004-34-6	100	5 mg/M <sup>3</sup> Nuisance Dust, OSHA 15 mg/M <sup>3</sup> Total Nuisance Dust, OSHA 10mg/M <sup>3</sup> Total Nuisance Dust, ACGIH

**3. HAZARDS IDENTIFICATION**

*Emergency Overview*

**WARNING: MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR (DURING PROCESSING)**

**Appearance:** White to off-white no specific odor.  
**OSHA Regulations Status:** OSHA 29CFR 1910.1200  
**Potential Health Effects:** See section 11 Toxicological information.  
**Primary Entry Routes:** See below  
**Eyes:** Temporary irritation or inflammation  
**Skin:** May cause dryness with continued exposure.  
**Ingestion:** Not considered harmful in small amounts, but mouth,throat and stomach irritation may occur.  
**Chronic Health Effects:** No known chronic health effects.  
**Conditions aggravated by pre-existing conditions:** Upper respiratory and lung disease such as bronchitis, emphysema,and exposure asthma.

**4. FIRST AID MEASURES**

**Eyes:** Do not rub eyes. Flush eyes with copious amounts of water to remove any dust particles.Consult a physician if irritation persists.  
**Inhalation:** Remove from dusty area; drink water to clear throat; blow nose to evacuate dust.  
**Skin Contact:** Use moisturizing lotions if dryness occurs.  
**Skin Absorption:** NA  
**Ingestion:** Drink copious amounts of water to reduce bulk and dryness effects.

**5. FIRE FIGHTING MEASURES***Emergency Overview***WARNING: MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR (DURING PROCESSING**

Flash Point(Method):	Flammable
NFPA Flammable/Combustible	N/A
Flammable Limits:	N/A
Liquid Classification:	N/A
Extinguishing Media:	Water, CO <sub>2</sub> , Dry Chemical
Auto-Ignition Temperature:	450F
Unusual Fire or Explosion Hazards :	Airborne dust may be explosive. If material becomes wet, biodegradation may cause spontaneous combustion.
Special FireFightingProcedures:	None

**6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Use proper PPE (See section 8)
Environmental Precautions	No significant environmental impact
Containment and Cleanup	Clean up material with vacuum equipped with HEPA filter. Use water as dust suppressant if necessary.

**7. HANDLING AND STORAGE**

Handling:	Minimize dust generation and accumulation. Avoid contact with eyes. Avoid breathing dust. Repair or dispose of broken bags immediately.
Storage:	Keep away from flame, heat, and oxidizers. Keep dry, and away from odors.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Goggles:	The use safety eyewear to protect from dusts is recommended.
Gloves:	May use gloves to protect overly-sensitive skin.
Respirator:	Use NIOSH approved respirators to protect against dusts. For dust concentrations:<10x PEL, use an N95 quarter or half mask respirator; <50X PEL, use a full face respirator equipped with N95 filters; <200X PEL, use a powered air purifying respirator (positive pressure) with N95 filters; for dust concentrations >200X the PEL use a type C, supplied air respirator (continuous flow, positive pressure), with a full face piece.
Ventilation:	Use adequate exhaust ventilation and/or dust collection to keep dust levels below TLV.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor:	White to off-white, powder, odorless.	Evaporation Rate ( = 1):	N/A
Boiling Point:	N/A	Specific Gravity (water = 1):	1.5
Vapor Pressure:	N/A	Melting Point:	N/A
Water Solubility (%):	Negligible	% Volatile by Volume:	NONE
Vapor Density:(Air=1):	N/A	LEL:	30g/m3
pH (10% Solution)	6-10	Kst (bar/m/s)	200-300
Particle Size:	<200um		
MIE (millijoules)	>100		

**10. STABILITY AND REACTIVITY**

Material is stable. Hazardous polymerization cannot occur.

Physical Hazards:	Material not reactive
Conditions to Avoid:	None in prescribed use.
Incompatibilities:	Oxidizers.
Hazardous Decomposition Products:	None

**11.TOXOCOLOGICAL INFORMATION**

**Summary:** Material is a nuisance dust. No known acute or chronic health hazards.

**12. ECOLOGICAL INFORMATION**

Normally considered inert in the environment. If contaminated, evaluate according to all applicable Federal, State, and Local laws and regulations. Will not biodegrade, bioaccumulation unlikely.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Material is non-hazardous by RCRA definition (40 CFR 61)  
Dispose of in accordance with applicable, Federal, State and Local laws and regulations.

**Packaging Disposal:** Dispose of in accordance with applicable, Federal, State and Local laws and regulations.

**14. TRANSPORTATION INFORMATION**

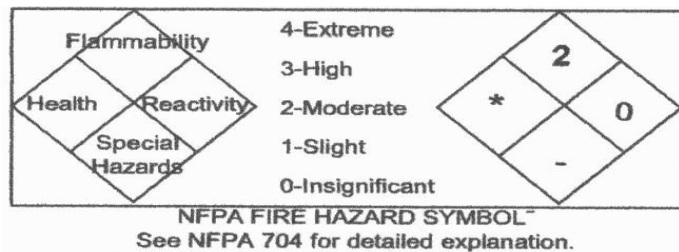
**U.S.D.O.T. Proper Shipping Name:** Cellulose Fiber  
Shipping class 55 (no restrictions).  
**Hazard Classification:** Not Classified  
**Reportable Quantities:** N/A  
**UN (United Nations), NA (North American) Number:** N/A

**15. REGULATORY INFORMATION**

**D.O.T. Proper Shipping Name:** Cellulose Fiber  
**D.O.T. Hazard Classification:** Not Classified  
**UN, NA Number:** Not Applicable  
**RCRA:** This material (as a product) is not defined as a hazardous waste under RCRA 40CFR Part 261.  
**TSCA:** This material is listed in the TSCA inventory but is not otherwise regulated by TSCA  
**CERCLA:** Material not reportable under CERCLA. Comply with Local Requirements.  
RQ=Not Applicable  
**California Proposition 65:** NA  
**SARA Title III:** Not Listed  
**NTP:** NA

**16. OTHER INFORMATION**

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and handling of Combustible Particulate Solids, for safe handling 3.



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