

**MATERIAL SAFETY DATA SHEET**

**THE CORTEC CORPORATION**

**4119 WHITE BEAR PARKWAY**

**ST. PAUL, MINNESOTA 55110**

**PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC**

**FAX: 651-429-1122**

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

\*\*\*\*\* Eco Film™ \*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **Eco Film™**

PRODUCT DESCRIPTION: 100% biodegradable film.

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
N.A.			

Carcinogenic: OSHA = no NTP = no IARC = no

**SECTION III - PHYSICAL DATA**

COLOR: Transparent hazy white PHYSICAL FORM: Film  
pH: N.A. ODOR: Slight  
DENSITY: 1.2-1.5g/cm<sup>3</sup> BOILING RANGE: N.E.  
VAPOR DENSITY: N.E. MELTING RANGE: 100-200°C  
EVAPORATION RATE: N.A. VAPOR PRESSURE: N.E.  
NON-VOLATILE (weight): 99-100%

**SECTION IV - FIRE AND EXPLOSION DATA**

HMS FLAMMABILITY RATING: 0  
FLASH POINT: N.E.  
FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.  
EXTINGUISHING MEDIA: Water, carbon dioxide or other dry chemical fire fighting agents.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Above 280°C, toxic gases, carbon monoxide, tetrahydrofuran may be given off. Fission and oxidation products not listed may also result, depending on fire conditions.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

**SECTION V - HEALTH HAZARD DATA**

EMERGENCY AND FIRST AID PROCEDURES:  
Skin Contact: Wash affected area with soap and water. If irritation or rash persists, consult a physician.  
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known  
PRIMARY ROUTES OF ENTRY: Skin contact  
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE: No known effects.

**SECTION VI - REACTIVITY DATA**

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): Carbon monoxide, tetrahydrofuran.  
INCOMPATIBILITY: Strong acids, alkalis and reducing agents.  
CONDITIONS TO AVOID: Starts to decompose at 280°C, above 280°C, toxic gases, carbon monoxide, tetrahydrofuran may be given off.

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dispose with trash.  
WASTE DISPOSAL: Dispose of in accordance with existing Federal, State and Local environmental regulations.

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

RESPIRATORY PROTECTION: Not required.  
PROTECTIVE GLOVES: Not required.  
EYE PROTECTION: Not required.  
OTHER PROTECTIVE EQUIPMENT: Not required.

**SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA**

PRECAUTIONS TO BE TAKEN IN HANDLING: Workers should wash hands thoroughly with soap and water prior to eating, drinking, smoking or using lavatory.  
PRECAUTIONS TO TAKEN IN STORING: Take precautionary measures against static discharges.

**SECTION X - SHIPPING DATA**

DOT/IMDG/IATA SHIPPING NAME: N.A.  
UN/NA NUMBER: N.A.  
DOT/IMDG/IATA HAZARD CLASS.: N.A.  
T.S.C.A. STATUS: Listed  
DOT/IMDG/IATA REQUIRED LABELS: N.A.  
TECHNICAL SHIPPING NAME: N.A.

PREPARED BY: Robert Berg, Technical Service Engineer  
APPROVED BY: Margarita Kharshan, Lab Director  
DATE PREPARED: 3/28/02 SUPERSEDES: 4/10/01

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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE