

MATERIAL SAFETY DATA SHEET

THE CORTEC CORPORATION

4119 WHITE BEAR PARKWAY

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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™ Cryogenic *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Eco Film™ Cryogenic**

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/cm³ BOILING RANGE: N.E.
 VAPOR DENSITY: N.E. MELTING RANGE: 110-120°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: 7/23/03 SUPERSEDES: none

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