Material Safety Data Sheet - Nitrocellulose Membrane Filter

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ADVANTEC MFS, INC. CONTACT TELEPHONE NUMBER:
6691 Owens Drive (925) 225-0349
Pleasanton, CA 94588 (800) 334-7132

SUBSTANCE: Nitrocellulose Membrane Filter

TRADE NAMES/SYNONYMS: Nitrocellulose/MCE Membrane; Cellulose Nitrate Membrane;
Mixed Cellulose Ester (MCE) Membrane; Mixed Cellulose Ester Membrane Filter; Mixed Cellulose
Ester (MCE); Mixed Esters of Cellulose Membrane; Nitrocellulose Membrane; Pure Nitrocellulose
Membrane; 00202590

PRODUCT USE: plastic, film

CREATION DATE: Jan 11 1999
REVISION DATE: Jan 22 1999

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: Nitrocellulose, Dry
CAS NUMBER: 9004-70-0
EC NUMBER: Not assigned.
PERCENTAGE: 79-100

COMPONENT: Cellulose Diacetate
CAS NUMBER: 9035-69-2
EC NUMBER: Not assigned.
PERCENTAGE: 0-21

SECTION 3 HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=3 REACTIVITY=0

EC CLASSIFICATION (CALCULATED): No classification assigned.

EMERGENCY OVERVIEW:
COLOR: black, white or green
PHYSICAL FORM: film
ODOR: odorless
MAJOR HEALTH HAZARDS: No significant target effects reported.
PHYSICAL HAZARDS: Flammable solid.
POTENTIAL HEALTH EFFECTS:

INHALATION:
- SHORT TERM EXPOSURE: no information is available
- LONG TERM EXPOSURE: no information is available

SKIN CONTACT:
- SHORT TERM EXPOSURE: no information is available
- LONG TERM EXPOSURE: no information is available

EYE CONTACT:
- SHORT TERM EXPOSURE: no information is available
- LONG TERM EXPOSURE: no information is available

INGESTION:
- SHORT TERM EXPOSURE: no information is available
- LONG TERM EXPOSURE: no information is available

CARCINOGEN STATUS:
- OSHA: N
- NTP: N
- IARC: N

SECTION 4  FIRST AID MEASURES

INHALATION: It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

SKIN CONTACT: It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

EYE CONTACT: It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

INGESTION: It is unlikely that emergency treatment will be required. Get medical attention, if needed.

SECTION 5  FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Severe fire hazard.

EXTINGUISHING MEDIA: regular dry chemical, sand, earth, regular foam, water

FIRE FIGHTING: Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Avoid inhalation of material or combustion by-products.

FLASH POINT: 356 F (180 C)

SECTION 6  ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE:
Avoid heat, flames, sparks and other sources of ignition. Collect material into suitable, loosely covered container for disposal. Cover with water or wet sand. Remove sources of ignition.

SECTION 7  HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards. Store below 130 C. Avoid direct sunlight. See original container for storage recommendations. Keep separated from incompatible substances.
SECTION 8  EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: No occupational exposure limits established.
VENTILATION: Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits.
EYE PROTECTION: Eye protection not required under normal conditions.
CLOTHING: Protective clothing is not required under normal conditions.
GLOVES: Protective gloves are not required under normal conditions.
RESPIRATOR: No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: solid
COLOR: black, white or green
PHYSICAL FORM: film
ODOR: odorless
BOILING POINT: Not applicable
MELTING POINT: Not available
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable
SPECIFIC GRAVITY (water=1): 1.55-1.70
WATER SOLUBILITY: Not available
PH: Not applicable
VOLATILITY: Not applicable
ODOR THRESHOLD: Not available
EVAPORATION RATE: Not applicable
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available
SOLVENT SOLUBILITY:
  Soluble: esters, ketones, organic solvents
  Slightly Soluble: alcohol

SECTION 10  STABILITY AND REACTIVITY

REACTIVITY: Stable at normal temperatures and pressure.
CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition.
INCOMPATIBILITIES: acids, alcohols, amines, bases, ketones, oxidizing materials
HAZARDOUS DECOMPOSITION:
  Thermal decomposition products or contact with acids: oxides of nitrogen
  Thermal decomposition products: oxides of carbon
POLYMERIZATION: Will not polymerize.

SECTION 11  TOXICOLOGICAL INFORMATION

Nitrocellulose, DRY:
TOXICITY DATA: >5 gm/kg oral-rat LD50
ACUTE TOXICITY LEVEL: Insufficient Data.
SECTION 12 ECOLOGICAL INFORMATION
Not available

SECTION 13 DISPOSAL CONSIDERATIONS
Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001.

SECTION 14 TRANSPORT INFORMATION
U.S. DOT 49 CFR 172.101. SHIPPING NAME-UN NUMBER; HAZARD CLASS; PACKING GROUP; LABEL:
Nitrocellulose membrane filters-UN3270; 4.1; II; Flammable solid

SECTION 15 REGULATORY INFORMATION
U.S. REGULATIONS:
TSCA INVENTORY STATUS: Y
TSCA 12(b) EXPORT NOTIFICATION: Not listed.
CERCLA SECTION 103 (40CFR302.4): N
SARA SECTION 302 (40CFR355.30): N
SARA SECTION 304 (40CFR355.40): N
SARA SECTION 313 (40CFR372.65): N
SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21):
ACUTE: N
CHRONIC: N
FIRE: Y
REACTIVE: N
SUDDEN RELEASE: N
STATE REGULATIONS:
California Proposition 65: N
EUROPEAN REGULATIONS:
EC NUMBER: Not assigned.

SECTION 16 OTHER INFORMATION
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