



SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 137-XV
Product Name: Indicating FTA Micro Card with 1 sample area per card
Revision Date: Apr 04, 2018 **Date Printed:** Apr 05, 2018
Version: 1.0 **Supersedes Date:** N.A.
Company's Name: American Type Culture Collection
Address: 10801 University Blvd., Manassas, VA, US, 20110-2209
Emergency Phone: 703-365-2710 or 800-424-9300 (Chemtrec - transport only)
Information Phone Number: 800-638-6597 or 703-365-2700
Fax: 703-365-2701
Product/Recommended Uses: For lab use only

SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute aquatic toxicity - Category 3
Acute toxicity Dermal - Category 5
Eye Irritation - Category 2
Flammables solids - Category 2
Skin Irritation - Category 3

Pictograms



Signal Word

Warning

Hazardous Statements - Health

May be harmful in contact with skin
Causes serious eye irritation
Causes mild skin irritation

Hazardous Statements - Physical

Flammable solid

Hazardous Statements - Environmental

Harmful to aquatic life

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

- Avoid release to the environment.
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Ground/bond container and receiving equipment.
- Use explosion-proof equipment.

Precautionary Statements - Response

- Call a POISON CENTER/doctor if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- In case of fire: Use appropriate fire suppression methods to extinguish.
- If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/national/international regulation.

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0009004-34-6	CELLULOSE (PAPER FIBER)	57% - 100%
0000151-21-3	SODIUM LAURYL SULFATE	2% - 3%
0000077-86-1	2-AMINO-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL	2% - 3%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES**Inhalation**

- Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

Eye Contact

- Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15- 20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face.
- If eye irritation persists: Get medical advice/attention.

Skin Contact

- Take off all contaminated clothing immediately, shoes and leather goods (e.g. watchbands, belts).
- Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes.
- If skin irritation occurs: Get medical advice/attention.

Ingestion

- Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention. Do NOT induce vomiting unless directed to do so by doctor/Poison Centre. If vomiting occurs naturally, lie on your side, in the recovery position.

Most Important Symptoms/Effects, Acute and Delayed

No data available

Indication of Immediate Medical Attention and Special Treatment Needed

No data available

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media

Do not use straight stream of water.

Specific Hazards in Case of Fire

No data available.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Isolate hazard area and keep unauthorized personnel away.

Recommended Equipment

If specialized clothing is required, refer to section 8 of this SDS.

Personal Precautions

Avoid breathing vapors, mist or gas.

Environmental Precautions

Stop spill/release if it can be done safely. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Methods and Materials for Containment and Cleanup

Keep in suitable, closed containers for disposal.

Soak up with inert absorbent material.

SECTION 7) HANDLING AND STORAGE

General

Hand washing required after working with potentially hazardous materials and before leaving the laboratory.

Decontamination of work surfaces daily, after finishing work and following spills

Use aseptic techniques.

Standard microbiological practices should be followed.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mist.

Use good personal hygiene practices.

Avoid eating, drinking and smoking in work areas.

Remove contaminated clothing and protective equipment before leaving work areas.

Eyewash stations and showers should be available in areas where this material is used and stored

Ventilation Requirements

Use only with adequate ventilation. Requires HEPA-filtered vacuum lines.

Storage Room Requirements

All containers must be properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatible materials. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.

SECTION 8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Wear indirect-vent, impact and splash resistant goggles when working with liquids.

If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Launder soiled clothes or properly dispose of contaminated material which cannot be decontaminated.

Respiration Protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
CELLULOSE (PAPER FIBER)		[15]; [5 (a)];			1				10,5a			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations
CELLULOSE (PAPER FIBER)		10				URT irr	

irr - Irritation, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	1.00000 lb/gal
Specific Gravity	0.11983
% Solids By Weight	97.50000%

Appearance	No Data Available
Odor Threshold	No Data Available
Odor Description	No Data Available
pH	No Data Available
Water Solubility	No Data Available
Flammability	N/A
Flash Point Symbol	No Data Available
Flash Point	No Data Available
Viscosity	No Data Available
Lower Explosion Level	No Data Available
Upper Explosion Level	No Data Available
Vapor Pressure	No Data Available
Vapor Density	No Data Available
Freezing Point	No Data Available
Melting Point	No Data Available
Low Boiling Point	No Data Available
High Boiling Point	No Data Available
Auto Ignition Temp	No Data Available
Decomposition Pt	No Data Available
Evaporation Rate	No Data Available
Coefficient Water/Oil	No Data Available

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable under recommended handling and storage conditions

Conditions to Avoid

Exposure to air or moisture over prolonged periods.

Hazardous Reactions/Polymerization

No data available

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors such as carbon oxides.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, ingestion, skin absorption

Aspiration Hazard

No Data Available

Carcinogenicity

No Data Available

Germ Cell Mutagenicity

No Data Available

Reproductive Toxicity

No Data Available

Respiratory/Skin Sensitization

No Data Available

Serious Eye Damage/Irritation

Causes serious eye irritation

Skin Corrosion/Irritation

Causes mild skin irritation

Specific Target Organ Toxicity - Repeated Exposure

No Data Available

Specific Target Organ Toxicity - Single Exposure

No Data Available

Acute Toxicity

May be harmful in contact with skin

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

Harmful to aquatic life

Persistence and Degradability

No data available

Bio-accumulative Potential

No data available

Mobility in Soil

No data available

Other Adverse Effects

No data available

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Storage of biohazardous waste should be in double red bags held in rigid, leakproof containers with biohazard labels on the top and side. Biohazardous waste must be under direct control of the responsible laboratory until it is placed in an EH&S approved storage area.

SECTION 14) TRANSPORT INFORMATION

IATA Information

UN number: Not Regulated
Hazard class: N/A
Packing group: N/A
Proper shipping name: N/A (N/A)
Note / Special Provision: No Data Available

U.S. DOT Information

UN number: Not Regulated
Proper shipping name: N/A (N/A)
Hazard class: N/A
Packing group: N/A
Hazardous substance (RQ): No Data Available
Toxic-Inhalation Hazard: No Data Available
Marine Pollutant: No Data Available
Note / Special Provision: No Data Available

IMDG Information

UN number: Not Regulated
Proper shipping name: N/A (N/A)
Hazard class: N/A
Packing group: N/A
Marine Pollutant: No Data Available
Note / Special Provision: No Data Available

SECTION 15) REGULATORY INFORMATION

Regulatory Information

The following regulations have been evaluated for this product: DSL, EU_EC_Inventory, EU_EINECS, EU_ELINCS, EU_IOELV, EU_NLP, IARC Carcinogen, and TSCA.

CAS	Chemical Name	% By Weight	Regulation List
0009004-34-6	CELLULOSE (PAPER FIBER)	57% - 100%	SARA312,TSCA
0000151-21-3	SODIUM LAURYL SULFATE	2% - 3%	SARA312,TSCA
0000077-86-1	2-AMINO-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL	2% - 3%	SARA312,VOC,TSCA

SECTION 16) OTHER INFORMATION

Glossary

ACGIH - American Conference of Governmental Industrial Hygienists
BSC - Biological Safety Cabinet
CAS - Chemical Abstract Service
Chemtrec - Chemical Transportation Emergency Center(US)

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
HEPA - High efficiency particulate air
LC - Lethal Concentration
LD - Lethal Dose
N/A - No data available
NIOSH - National Institute for Occupational Safety and Health
OEL - Occupational Exposure Limits
OSHA - Occupational Safety and Health Administration, US Department of Labor
PEL - Permissible Exposure Limit
SARA (Title III)- Superfund Amendments and Reauthorization Act
SARA 313 - Superfund Amendments and Reauthorization Act, Section 313
SCBA - Self Contained Breathing Apparatus
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act Public Law 94-469
TWA - Time Weighted Average
US DOT - US Department of Transportation

Version 1.0:

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First Edition.

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