

MATERIAL SAFETY DATA SHEET

ClearPrep® Cytology Solution

Effective Date: November 8, 2022

SECTION I – PRODUCT IDENTIFICATION AND COMPANY

Product Name: ClearPrep® Cytology Solution
Catalog Numbers: CP11005, CP11006, CP11007, CP11008, CP11009, CP21006, CP21007, CP31006, CP31007, CP41006, CP51006
CP1LABV, CP1LABT, CP2LABV, CP2LABT, CP3LABV, CP3LABT, CP4LABV, CP5LABV
Manufacturer/Supplier: Resolution Biomedical, Inc.
1342 Bell Avenue, Ste. 3k
Tustin, CA 92780
(949) 551-8000 phone
(949) 207-3121 fax
Emergency Contact: Infotrac at (800) 535-5053 (North America) or +1 (352) 323-3500 (International)

SECTION II – COMPOSITION/COMPONENT DETAILS

Description:

INGREDIENTS	CAS NO.	OSHA PEL	ACGIH TLV	%
Ethanol	64-17-5	1000 ppm (TWA)	1000 ppm (TWA)	<15%
Isopropanol	67-63-0	400 ppm (TWA)	400 ppm (STEL)	<1%
Methanol	67-56-1	200 ppm (TWA)	200 ppm (TWA)	<1%

SECTION III – HAZARDS IDENTIFICATION

Overview: Clear opalescent liquid

- **Safety Ratings:**

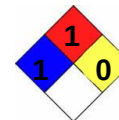
Wear suitable protective clothing, gloves and eye protection.
Store at room temperature away from sources of ignition.

- **HMIS Ratings:**

Health: Slightly hazardous
Flammability: Not flammable
Reactivity: Stable
Contact: Slight

- **NFPA Ratings:**

Health = 1
Flammability = 1
Reactivity = 0



- **Potential Health Effects:**

The toxicology of this compound has not been completely examined.

Inhalation: Not reported
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
Skin contact: Possible to cause moderate irritation or dermatitis.
Eye contact: Possible to cause irritation, redness, tearing, blurred vision.
Chronic Exposure: Unknown
Affect on preexisting conditions: Not reported

SECTION IV – FIRST AID MEASURES

Inhalation: Remove from source of exposure and get medical attention for any breathing difficulty.
Ingestion: Do not induce vomiting if patient is unconscious or extremely drowsy. Otherwise administer two glasses of water and induce vomiting. Get immediate medical attention even if symptoms improve.
Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.
Eye Contact: In case of eye contact, flush with water for at least fifteen minutes and get medical attention.

SECTION V – FIRE FIGHTING MEASURES

Flash point: 58°C (136°F) TCC
Flammable Limits: LEL: NA, UEL: NA
Fire: Water is ineffective against alcohol fires but may be used to cool adjacent containers.
Fire Extinguishing Media: Use alcohol foam, carbon dioxide or dry chemical.

MSDS-CP11005-03



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Special information: Pyrolysis will release toxic carbon monoxide.

SECTION VI – ACCIDENTAL RELEASE MEASURES

No special precautions. Absorb with a suitable absorbent (such as paper towels) and dispose.

SECTION VII – HANDLING AND STORAGE

Store in closed container between 15° & 30° C.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

Airborne Exposure Limits: See section II
Ventilation System: Not required.
Personal Respirator: Not required.
Skin protection: Protective gloves are not required but recommended as part of good laboratory practice.
Eye Protection: Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 100°C
Density: 1 - 1.03
Vapor pressure: NA
Vapor Density (air = 1): NA
Evaporation Rate (Ethanol = 1): NA
Solubility: NA
Appearance and Odor: Clear opalescent liquid. Pleasant aromatic odor.

SECTION X – STABILITY AND REACTIVITY

Stability: Stable
Hazardous Decomposition Products: None
Hazardous polymerization: None
Incompatibilities: None
Conditions to avoid: None

SECTION XI – TOXICOLOGICAL INFORMATION

Chronic consumption of ethanol is believed to be linked to liver disease, cancer and birth defects.

Ingredients	Known			IARC Category
	Carcinogenicity?	NTP?	Anticipated?	
Ethanol	No	No	No	None
Methanol	No	No	No	None
Isopropanol	No	No	No	None

SECTION XII – ECOLOGICAL INFORMATION

Environmental Fate: Biodegradable
Environmental Toxicity: None expected

Ethanol evaporates quickly and is not expected to bioaccumulate. The material is removed from the air by dry and liquid adsorption. The half-life for ethanol in the atmosphere is one to ten days.

SECTION XIII – DISPOSAL CONSIDERATIONS

The preferred disposal method is incineration. Localities may restrict the amounts of alcohols that may be flushed down the drain. Insure compliance with all government regulations.

SECTION XIV – TRANSPORTATION INFORMATION

Transportation Information – Products covered by this MSDS, in their original form, are not regulated for transportation.

For finished packaged product transported by ground (US DOT): - not regulated – aqueous solutions of ethanol containing <24% are not subjected to regulation under these rules.

For finished packaged product transported by sea (IMDG): - not regulated – aqueous solutions of ethanol containing <24% are not subjected to regulation under these rules.

For finished packaged product transported by air (IATA): - not regulated – aqueous solutions of ethanol containing <24% are not subjected to regulation under these rules.

Canadian Shipping Classification: This product meets the requirements of the TDG Regulations TDG 1.33 Class3, Flammable Liquids: General Exemptions and TDG 2.18 (2) (a) and is not subject to the Dangerous Goods Regulations.

SECTION XV – REGULATORY INFORMATION

Chemical Inventory Status

SARA 311/312: Acute: Yes Chronic: Yes

INGREDIENTS	TSCA	EC
Ethanol	Yes	Yes
Methanol	Yes	Yes
Isopropanol	Yes	Yes

SECTION XVI – OTHER INFORMATION

This information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.