

**\*\*\*Section 1 - IDENTIFICATION\*\*\***

**Product Identifier:** Control Line Fluid

**Manufacturer Part Number(s)**

102-0390, Advanta Dx Control Line Fluid, 10-pack (EUA IVD)

**Recommended Use**

*In vitro* Diagnostic kit for Emergency Use Authorization Only.

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2 Tower Place Suite 2000  
South San Francisco, CA 94080  
Main Phone: 650-266-6000  
Email: Techsupport@fluidigm.com  
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**\*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\***

**GHS Classification**

No classification is assigned based on classification criteria.

Review the entire data sheet for any additional information which did not result in a classification.

**GHS LABEL ELEMENTS**

**Symbol(s)**

None needed according to classification criteria.

**Signal Word**

None needed according to classification criteria.

**Hazard Statement(s)**

None needed according to classification criteria.

**Precautionary Statement(s)**

**Prevention**

None needed according to classification criteria.

**Response**

None needed according to classification criteria.

**Storage**

None needed according to classification criteria.

**Disposal**

None needed according to classification criteria.

**\*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\***

CAS	Component	Percent
Trade Secret	Non-hazardous ingredients	100

**\*\*\*Section 4 - FIRST AID MEASURES\*\*\*****Description of Necessary Measures****Inhalation**

If fumes or combustion products are inhaled remove from contaminated area. If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

**Skin**

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Eyes**

Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

**Ingestion**

Never make an unconscious person vomit or drink fluids. Rinse mouth out with water. If a large amount is ingested, seek medical attention.

**Antidote**

Treat symptomatically and supportively.

**Symptoms: Immediate**

No information on significant adverse effects.

**Symptoms: Delayed**

No information on significant adverse effects.

**\*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*****Flammable Properties**

This material will not burn.

**Suitable Extinguishing Media**

Use extinguishing agents appropriate for surrounding fire.

**Unsuitable Extinguishing Media**

None known.

**Special Hazards Arising from the Substance or Mixture****Hazardous Combustion Products**

**Combustion:** oxides of carbon, fluorinated compounds

**Special Fire Fighting Measures**

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks.

**Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

**\*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*****Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment.

**Environmental Precautions**

Avoid release to the environment. Prevent entry into waterways, sewers, basements, or confined areas.

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**Methods for Containment and Cleaning up**

Spillages should be soaked up onto paper, vermiculite, rags or sawdust and disposed of in accordance with local regulations. Shovel or sweep up. Place in closed container for disposal. Remove sources of ignition. Prevent entry into waterways, sewers, basements, or confined areas.

**\*\*\*Section 7 - HANDLING AND STORAGE\*\*\***
**Precautions for Safe Handling**

Avoid breathing vapors or mists of this material. Avoid contact with skin and eyes. Use only in well ventilated areas. Keep away from heat, sparks and flame. Wash thoroughly after handling. Use in accordance with good industrial hygiene practices.

**Conditions for Safe Storage, Including Any Incompatibilities**

Store and handle in accordance with all current regulations and standards. Store at +15°C to +30°C . Keep container closed when not in use. Keep separated from incompatible substances.

**Incompatibilities:** None known.

**\*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\***
**Control Parameters**

No exposure limits for the substances in this preparation present above reportable concentrations have been assigned. The following lists were reviewed: China, Japan, Singapore and Taiwan.

**Biological Exposure Limits**

There are no biological limit values for any of this product's components.

**Appropriate Engineering Controls**

Provide local exhaust ventilation system. Use ventilation when oil is heated above 550°F. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**
**Eyes/Face Protection**

Wear safety glasses or safety goggles, with a face shield, as appropriate. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate chemical resistant clothing. When chemical splash hazard exists, wear coveralls and/or apron.

**Glove Recommendations**

Wear appropriate chemical resistant gloves.

**Respiratory Protection**

Respiratory protection is not required under normal conditions of use.

If ventilation is not sufficient to effectively prevent buildup of mists or vapors, appropriate respiratory protection must be provided.

**\*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\***

<p><b>Physical State:</b> Liquid</p> <p><b>Color:</b> colorless</p> <p><b>Odor:</b> odorless</p> <p><b>pH:</b> neutral</p> <p><b>Boiling Point:</b> Not available</p> <p><b>Flammability (solid, gas)</b> Not applicable</p> <p><b>Evaporation Rate:</b> Not available</p> <p><b>Upper Explosive Limit:</b> Not available</p> <p><b>Vapor Pressure:</b> Not available</p>	<p><b>Appearance:</b> viscous oil</p> <p><b>Physical Form:</b> oil</p> <p><b>Odor Threshold:</b> Not available</p> <p><b>Melting Point:</b> Not available</p> <p><b>Decomposition Temperature:</b> 350 °C</p> <p><b>Flash Point:</b> Does not flash (PMCC)</p> <p><b>Lower Explosive Limit:</b> Not available</p> <p><b>Auto Ignition Temperature:</b> Not available</p> <p><b>Vapor Density (air = 1):</b> Not available</p>
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**Density:** Not available  
**Water Solubility:** Insoluble  
**Viscosity:** Not available  
**Oxidizing Properties:** Not available

**Specific Gravity (water = 1):** 1.86-1.91 @ 24 °C  
**Coeff. Water/Oil Dist:** Not available  
**Volatility:** Not available

### \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

#### Reactivity

No reactivity hazard is expected.

#### Chemical Stability

Stable at normal temperatures and pressure.

#### Possibility of Hazardous Reactions

Will not polymerize.

#### Conditions to Avoid

Avoid heating above 350°C (662°F). Avoid excessive heat and ignition sources. Avoid contact with incompatible materials.

#### Incompatible Materials

None known.

#### Hazardous Decomposition Products

Avoid heating above 350°C (662°F). Decomposition can form fluorinated compounds. At temperatures above 355°C (670°F), decomposition accelerates with generation of fluorinated compounds. Depolymerization may occur in the presence of some metal oxides at temperatures above 288°C (550°F).

#### Hazardous Decomposition

**Combustion:** oxides of carbon, fluorinated compounds

### \*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

#### Acute and Chronic Toxicity

May cause respiratory tract irritation. May cause irritation of the skin and eyes. A single inhalation exposure produced nonspecific effects such as respiratory irritation. Exposure to thermal decomposition products produced irritation, irregular respiration, tremors and increased liver weight. Repeated inhalation exposures to 10, 100, or 1000 mg/m<sup>3</sup> caused increased lung weights and microscopic particle-laden macrophages in the lungs and lymph nodes; this was an expected pulmonary response to high aerosol concentrations of an inert material.

#### Component Analysis - LD50/LC50

>17000 mg/kg dermal absorption-rabbit ALD >19.54 mg/L 4 hour inhalation-rat ALC >25000 mg/kg oral-rat ALD

#### Immediate Effects

May cause irritation to respiratory tract, skin, and eyes.

#### Delayed Effects

No information on significant adverse effects.

#### Irritation/Corrosivity Data

May cause respiratory tract irritation. May cause irritation of the skin and eyes.

#### Respiratory Sensitization

Not known to be a sensitizing agent.

#### Dermal Sensitization

This material is not considered to be a skin sensitizer.

#### Carcinogenicity

#### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA.

**Germ Cell Mutagenicity**

No genetic effects were observed in standard mutagenicity tests using bacterial cell cultures.

**Reproductive Toxicity**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

No data available.

**Aspiration Hazard**

No data available.

**Medical Conditions Aggravated by Exposure**

None known.

**\*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*****Ecotoxicity**

No information available for the product.

**Fish Toxicity**

>1000 mg/L 96 hour(s) LC50 Rainbow Trout;

**Invertebrate Toxicity**

>1000 mg/L 48 hours EC50 Daphnia magna.

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility in Soil**

No information available for the product.

**Other Ecological Information**

Generally not expected to cause adverse effects.

**\*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*****Disposal Methods**

Dispose in accordance with all applicable regulations. Reprocess whenever possible.

**Disposal of Contaminated Packaging**

Dispose in accordance with all applicable regulations. Recycle if possible.

**\*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*****IATA Information**

Not regulated as dangerous goods

**ICAO Information**

Not regulated as dangerous goods

**IMDG Information**

Not regulated as dangerous goods

**International Bulk Chemical Code**

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

<b>***Section 15 - REGULATORY INFORMATION***</b>
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**China Regulations**
**State Administration of Work Safety (SAWS) - List of Dangerous Chemicals**

None of this product's components are listed.

**Dangerous Goods List (GB 12268-2005)**

None of this product's components are on the list.

**Export Control List - Part I Chemicals**

None of this product's components are on the list.

**Japan Regulations**
**Act for the Control of Export, Import and Others of Specified Hazardous Wastes**

None of this product's components are on the list.

**Japan Designated Chemical Substances (PRTR Law)**

None of this product's components are on the list.

**Act on Port Regulations**

None of this product's components are on the list.

**Fire Service Law**

None of this product's components are on the list.

**Marine Pollution Prevention Law**

None of this product's components are on the list.

**Shipping Safety Act**

None of this product's components are on the list.

**Singapore Regulations**
**List of Hazardous Substances**

No information was found for the substance(s) on the List of Hazardous Substances.

**Taiwan Regulations**
**Toxic Chemical Control Act**

None of this product's components are listed on the Toxic Chemicals Control Act or the Classification and Threshold.

**Component Analysis - Inventory**

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Non-hazardous ingredients	Trade Secret	Yes	DSL	No	Yes	Yes	Yes	Yes	Yes	Yes

<b>***Section 16 - OTHER INFORMATION***</b>
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**History**

Revision 01: CHG-002362; September 2020; Initial release

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; Kow - Octanol/water partition coefficient; LEL - Lower Explosive Limit; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NIOSH - National Institute for Occupational Safety and Health; NTP = National Toxicology Program; STEL - Short-term Exposure Limit; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UEL - Upper Explosive Limit; WHMIS - Workplace Hazardous Materials Information System

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### Other Information

Disclaimer: Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product. **For *In Vitro* Diagnostic Use. For Emergency Use Authorization Only. RX only. This test has not been FDA cleared or approved. This test has been authorized by FDA under an EUA for use by authorized laboratories. This test has been authorized only for the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens. This test is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of *in vitro* diagnostics for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner.**

End of Sheet SDS-00022\_GHS\_ASIA