

*****Section 1 - IDENTIFICATION*******Product Identifier:** Control Line Fluid**Manufacturer's 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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*****Section 2 - HAZARD(S) IDENTIFICATION*******Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

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 Contact

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.

Eye Contact

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.

Most Important Symptoms/Effects**Acute**

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

*****Section 5 - FIRE-FIGHTING MEASURES*******Suitable Extinguishing Media**

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

This material will not burn.

Hazardous Combustion Products

Combustion: oxides of carbon, fluorinated compounds

Special Protective Equipment and Precautions for Firefighters

Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Sensitivity to Mechanical Impact

Not sensitive

Sensitivity to Static Discharge

Not sensitive

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

Wear personal protective clothing and equipment.

Methods and Materials 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.

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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

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

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 faceshield, 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

Physical State: Liquid	Appearance: viscous oil
Color: colorless	Physical Form: oil
Odor: odorless	Odor Threshold: Not available
pH: neutral	Melting Point: Not available
Boiling Point: Not available	Decomposition Temperature: 350 °C
Flammability (solid, gas): Not applicable	Flash Point: Does not flash (PMCC)
Evaporation Rate: Not available	Lower Explosive Limit: Not available
Upper Explosive Limit: Not available	Auto Ignition Temperature: Not available
Vapor Pressure: Not available	Vapor Density (air = 1): Not available
Density: Not available	Specific Gravity (water = 1): 1.86-1.91 @ 24 °C
Water Solubility: Insoluble	Coeff. Water/Oil Dist: Not available
Viscosity: Not available	Volatility: Not available
Oxidizing Properties: 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 Toxicity**

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

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

Information on Likely Routes of Exposure**Inhalation**

May cause respiratory tract irritation. 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/m³ 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.

Ingestion

Ingestion may cause irritation of the esophagus and gastrointestinal tract.

Skin Contact

May cause mild irritation.

Eye Contact

May cause mild irritation.

Immediate Effects

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

Delayed Effects

No information on significant adverse effects.

Medical Conditions Aggravated by Exposure

None known.

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.

Germ Cell Mutagenicity

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

Carcinogenicity**Component Carcinogenicity**

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

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.

*****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*******US DOT Information**

Not regulated as a hazardous material.

TDG Information

Not regulated as dangerous goods.

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*****Section 15 - REGULATORY INFORMATION*****
U.S. Federal Regulations
Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

U.S. State Regulations
Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.
Not regulated under California Proposition 65

Canada Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS Classification: Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Non-hazardous ingredients	60164-51-4	Yes	DSL	No	Yes	Yes	Yes	Yes	Yes	Yes

*****Section 16 - OTHER INFORMATION*****
History

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

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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.-**

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