

*****Section 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING*******1.1 Product Identifier:**

Product Identifier: Control Line Fluid

Manufacturer Part Number(s)

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

Substance Registration Number(s)

This material is imported in amounts < 1 tonne/annum. This product and its components are not subject to REACH.

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Identified Uses

In vitro Diagnostic kit for Emergency Use Authorization Only.

1.3 Details of the Supplier of the Safety Data Sheet

Fluidigm Corporation

2 Tower Place Suite 2000

South San Francisco, CA 94080

Main Phone (U.S.): +1-650-266-6000

Email: techsupport@fluidigm.com

1.4 Emergency Telephone Number

+1-650-266-6100 (Outside US)

+1-866-358-4354 (toll free)

*****Section 2 - HAZARDS IDENTIFICATION*******2.1 Classification of the Substance or Mixture****Classification according to Regulation (EC) No 1272/2008**

No classification is assigned based on classification criteria.

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

Classification according to Directives 67/548/EEC and/or 1999/45/EC

No classification is assigned based on classification criteria. Review the entire data sheet for any additional information which did not result in a classification.

2.2 Label Elements

Labeling according to Regulation (EC) 1272/2008:

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.

Labelling according to Directive 67/548/EEC and/or 1999/45/EC

None needed according to classification criteria.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS EC No Registration No	Component Synonyms	67/548 EEC (DSD)	1272/2008 (CLP)	Percent
Trade Secret Not Available Not Available	Non-hazardous ingredients	----		100

Section 4 - FIRST AID MEASURES

4.1 Description of First Aid 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.

4.2 Most Important Symptoms and Effects, both Acute and Delayed
Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed
Note to Physicians

No special instructions.

Antidote

Treat symptomatically and supportively.

*****Section 5 - FIRE FIGHTING MEASURES*******5.1 Extinguishing Media****Suitable Extinguishing Media**

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

5.2 Special Hazards Arising from the Substance or Mixture

This material will not burn.

Combustion: oxides of carbon, fluorinated compounds

5.3 Advice for Firefighters**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.

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*******6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment.

6.2 Environmental Precautions

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

6.3 Methods and Material 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.

6.4 Reference to Other Sections

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations. See Section 13 for Disposal Considerations.

*****Section 7 - HANDLING AND STORAGE*******7.1 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.

7.2 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.

7.3 Specific End Use(s)

In vitro Diagnostic kit For Emergency Use Authorization Only.

*****Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION*******8.1 Control Parameters****Component Exposure Limits**

EU, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Netherlands, Portugal, Spain, Sweden and United Kingdom 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.

Derived No Effect Levels (DNELs)

No DNELs available.

Predicted No Effect Concentrations (PNECs)

No PNECs available.

8.2 Exposure Controls**Engineering Controls**

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

Eye / 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.

Environmental Exposure Controls

Avoid release to the environment.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

<p>Physical State: Liquid</p> <p>Color: colorless</p> <p>Odor: odorless</p> <p>pH: neutral</p> <p>Boiling Point: Not available</p> <p>Flammability (solid, gas): Not applicable</p> <p>Evaporation Rate: Not available</p> <p>Upper Explosive Limit: Not available</p> <p>Vapor Pressure: Not available</p> <p>Density: Not available</p> <p>Water Solubility: Insoluble</p> <p>Viscosity: Not available</p> <p>Oxidizing Properties: Not available</p>	<p>Appearance: viscous oil</p> <p>Physical Form: oil</p> <p>Odor Threshold: Not available</p> <p>Melting Point: Not available</p> <p>Decomposition Temperature: 350 °C</p> <p>Flash Point: Does not flash (PMCC)</p> <p>Lower Explosive Limit: Not available</p> <p>Auto Ignition Temperature: Not available</p> <p>Vapor Density (air = 1): Not available</p> <p>Specific Gravity (water = 1): 1.86-1.91 @ 24 °C</p> <p>Coeff. Water/Oil Dist: Not available</p> <p>Volatility: Not available</p>
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Section 10 - STABILITY AND REACTIVITY
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10.1 Reactivity

No reactivity hazard is expected.

10.2 Chemical Stability

Stable at normal temperatures and pressure.

10.3 Possibility of Hazardous Reactions

Will not polymerize.

10.4 Conditions to Avoid

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

10.5 Incompatible Materials

None known.

10.6 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).

Thermal Decomposition Products

Combustion: oxides of carbon, fluorinated compounds

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects
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/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.

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

Irritation / Corrosivity

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

Respiratory Sensitization

Not known to be a sensitizing agent.

Skin 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 IARC or DFG.

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*******12.1 Toxicity**

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.

12.2 Persistence and Degradability

No information available for the product.

12.3 Bioaccumulative Potential

No information available for the product.

12.4 Mobility in Soil

No information available for the product.

12.5 Results of PBT and vPvB Assessment

No information available for the product.

EU - Interim Strategy for Management of PBT and vPvB Substances (PBT Assessments)

No components of this material are listed.

12.6 Other Adverse Effects

No information available for the product.

*****Section 13 - DISPOSAL CONSIDERATIONS*******13.1 Waste Treatment Methods**

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

*****Section 14 - TRANSPORT 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.

*****Section 15 - REGULATORY INFORMATION*****

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture
EU - REACH (1907/2006) - Annex XIV List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Article 59(1) Candidate List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Annex XVII Restrictions of Certain Dangerous Substances, Mixtures and Articles

No components of this material are listed.

Germany Regulations
Germany Water Classification

Non-hazardous ingredients (Trade Secret)

ID Number 5143, hazard class 1 - low hazard to waters

Denmark Regulations
Environmental Protection Agency List of Undesirable Substances

No components of this material are listed.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the substance/mixture.

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

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

16.1 Indication of changes

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

16.2 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

16.3 Key literature references and sources for data

Available upon request

16.4 Methods used for classification of mixture according to Regulation (EC) No 1272/2008

Available upon request

Safety Data Sheet

Material Name: Control Line Fluid

SDS-00022_EU Rev 01

In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended

16.6 Training Advice

None

16.7 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_EU