

# Safety Data Sheet

**Product:** Armatrex

**SDS No:** 16-10737A

## SECTION 1 : GENERAL INFORMATION

ClearStream Technologies  
801 Clanton Road, Suite C-104  
Charlotte, NC 28217

**Telephone** 855-877-5262  
**In case of emergency call chemtrec:** 1-800-424-9300  
**Outside of U.S.A.:** 001-703-527-3887  
**Date:**

## SECTION 2 : HAZARD(S) IDENTIFICATION

**Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).**

**Signal Word:** Caution

### GHS - Classification

Eye Damage/Irritation (Category 2B)

### Hazard Statement(s)

H320 Causes eye irritation

### Precautionary Statement(s)

P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/eye protection/protective clothing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical attention  
P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

## SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS#	PERCENTAGE
Octadecylaminodimethyltrimethoxysilylpropylammonium chloride	27668-52-6	

EPA REG. NUMBER 48937-1

**SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200**

## SECTION 4 : FIRST AID MEASURES

**EYES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION.  
**SKIN:** WASH EXPOSED AREAS WITH SOAP AND WATER. IF IRRITATION PERSIST, SEEK MEDICAL ATTENTION.  
**INGESTION:** INDUCE VOMITING BY GIVING 2 GLASSES OF WATER AND PLACE FINGER DOWN THROAT. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
**INHALATION:** IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

## SECTION 5 : FIRE FIGHTING MEASURES

**FLASH POINT:** >200F  
**EXTINGUISHING METHOD:** USE WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM.  
**SPECIAL FIRE FIGHTING PROCEDURES:** USE SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE CLOTHING.  
**UNUSUAL FIRE FIGHTING PROCEDURES:** NONE KNOWN.

## SECTION 6 : ACCIDENTIAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak.  
**ENVIRONMENTAL PRECAUTIONS:** Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.  
**METHODS FOR CLEAN UP:** Use mechanical handling equipment. Soak up with inert absorbent material( e.g. sand, silica gel, acid binder, universal binder, sawdust)  
**SPILL:** VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

## SECTION 7 : HANDLING AND STORAGE

**HANDLING AND STORAGE:** MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE. ALL CONTAINERS SHOULD BE RINSED THOROUGHLY 3 TIMES PRIOR TO DISPOSAL

## SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

**ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION

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**SYMPTOMS OR ACUTE HEALTH HAZARDS**

**EYES:** CAUSES EYE IRRITATION.  
**SKIN:** MAY CAUSE IRRITATION.  
**INGESTION:** MAY CAUSE GASTROINTESTINAL IRRITATION.  
**INHALATION:** MAY CAUSE IRRITATION OF NOSE, THROAT AND UPPER RESPIRATORY TRACT.  
**RESPIRATORY PROTECTION:** IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.  
**VENTILATION:** USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.  
**PROTECTIVE EQUIPMENT:** GLOVES, APRON, GOGGLES  
**WORK/ HYGIENIC PRACTICES:** AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

**EXPOSURE LIMITS**

**LIMITS**

Octadecylaminodimethyltrimethoxysilylpropylammonium chloride

N.D.

EPA REG. NUMBER 48937-1

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

<b>PH:</b>	4.0-6.0 AS IS	<b>Evaporation Rate:</b>	NO DATA
<b>SOLUBILITY:</b>	SOLUBLE IN WATER	<b>Vapor Pressure:</b>	NO DATA
<b>SPECIFIC GRAVITY:</b>	0.975-1.025	<b>Vapor Density:</b>	NO DATA
<b>APPEARANCE:</b>	CLEAR COLORLESS LIQUID	<b>Auto Ignition Temperature:</b>	NA
<b>Bod:</b>	NO DATA	<b>LEL</b>	NA
<b>Cod:</b>	NO DATA	<b>UEL:</b>	NA
<b>Odor:</b>	MILD	<b>VOC:</b>	NO DATA
<b>OdorThreshold:</b>	NO DATA	<b>FlashPoint:</b>	>200F
<b>MeltingPoint:</b>	NO DATA	<b>BoilingPoint:</b>	NO DATA

**SECTION 10 : STABILITY AND REACTIVITY**

**STABILITY:** STABLE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**DECOMPOSITION PRODUCTS:** CARBON OXIDES  
**CONDITIONS AND MATERIALS TO AVOID:** STRONG OXIDIZING AGENTS

**SECTION 11 : TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY:** NO DATA  
**Chronic Toxicity:** NO DATA  
**Carcinogenicity:** NONE  
**Target Organ Effects:** NO DATA  
**This product has not yet been tested. The information is dervied from the properties of the individual components.**

**SECTION 12 : ECOLOGICAL INFORMATION**

**Ecotoxicity:** NO DATA  
**Persistence Degradability:** NO DATA  
**Bioaccumulation:** NO DATA  
**Mobility:** NO DATA  
**This product has not yet been tested. The information is dervied from the properties of the individual components.**

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Disposal of this product should be made in accordance with federal state and local regulations.

**SECTION 14 : TRANSPORT INFORMATION**

**TRANSPORTATION:** NOT REGULATED BY D.O.T.

**SECTION 15 : REGULATORY DATA**

**TITLE III-SARA:** THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372  
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.  
**CALIFORNIA PROPOSITION 65:** CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.  
**Listed on the following inventories:** TSCA

**SECTION 16 : OTHER INFORMATION**

**Large Spill:** NA  
**Fire:** NA

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**Other Info:**

**DISCLAIMER**

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS