



# Safety Data Sheet

Aries 2928

## Section 1. Identification

Product Identifier Aries 2928  
Synonyms Coagulant  
Manufacturer Stock Numbers N/A

Recommended use Water treatment, process aid  
Uses advised against N/A

Manufacturer Contact  
Address Aries Chemical Incorporated  
PO BOX 519  
Beaver Falls, NY, 13305

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	INFOTRAC	
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aries@arieschem.com	www.arieschem.com	

## Section 2. Hazards Identification

Classification Final product is non-hazardous. - Category N/A

Signal Word

Pictogram

Hazard Statements Final product is not classified as hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

Precautionary Statements

Response IF IN EYES: Immediately flush eyes for 15 minutes with plenty of water. Call a physician.  
IF INHALED: Remove to fresh air and keep comfortable for breathing. If difficulty breathing, give oxygen. If not breathing, give artificial respiration.  
IF ON SKIN (or hair): Flush skin with water. Remove contaminated clothing and wash before reuse. Seek medical attention.  
IF SWALLOWED: Do NOT induce vomiting. Drink copious amounts of water to dilute. Effects of small amounts are negligible. For large amounts, seek medical assistance.

Prevention Avoid breathing dust/fume/gas/mist/vapors/spray.  
Avoid contact with eyes and skin.  
Use only outdoors or in a well-ventilated area.

	Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Store away from incompatible materials and direct heat. Do not store in unlined metal containers. Product may slowly corrode iron, brass, copper, aluminum and mild steel. Store in a cool, dry, well-ventilated place. Avoid high temperatures. Keep container tightly closed when not in use.
Disposal	Dispose of contents/containers in accordance with local, state and federal regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
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Occupational exposure limits, if available, are listed in Section 8.

This Product contains one or more ingredients where the specific chemical identity and exact percentage of composition has been withheld as a trade secret

### Section 4. First-Aid Measures

Ingestion	Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.
Skin	Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately.
Eye	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.

### Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Will not burn; use media appropriate for surrounding fire
Unsuitable Extinguishing Media	No information available
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Suitable extinguishing media	Cool exposed containers with water spray after extinguishing fire.
Additional Information	Unusual fire and explosion hazards: May release acid fumes and oxides of carbon and nitrogen during thermal decomposition. Possible formation of hazardous chlorine compounds.

### Section 6. Accidental Release Measures

Clean-up

Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.) Avoid runoff into storm sewers and ditches which lead to waterways. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

**Section 7. Handling and Storage**

Handling

Wear appropriate PPE when handling, including an approved respirator if mist or vapor levels exceed exposure limits. Avoid contact with skin and eyes. Avoid breathing vapors from heated material. Avoid prolonged or repeated contact with skin. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Use only in a well-ventilated area. Remove contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Use good housekeeping practices during storage, transfer and handling.

Storage

Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Store away from heat. Avoid high temperatures and freezing. Store away from incompatible materials. Emergency eye wash and safety shower should be located nearby.

Additional Information

-Incompatible materials: Alkalis and caustic

**Section 8. Exposure Controls/Personal Protection**

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Personal Protective Equipment	Goggles, Gloves, Apron			
Engineering controls	Adequate ventilation, eye-wash station and emergency shower.			
Eye protection	Tightly fitting safety goggles.			
Hand Protection	Wear chemically resistant protective gloves. Wear protective gloves made from PVC, neoprene, nitrile, vinyl, or PVC/NBR			
Skin protection	Wear protective gloves and protective clothing, such as long sleeve shirt, lab coat, pants, boots.			
Respiratory protection	Use NIOSH approved respirator in accordance with OSHA respiratory protection requirements is airborne concentrations exceed published exposure limits (29 CFR 1910.134).			
General hygiene considerations	Do not eat, drink or smoke while handling this product.			
Additional Information	Exposure Guidelines: The ACGIH TLV and OSHA PEL for mists or dusts of soluble aluminum salts is 2 mg/m3 as Al.			

**Section 9. Physical and Chemical Properties**

Physical State	Liquid
Color	Clear
Odor	Odorless
Odor Threshold	No data available
Solubility	Complete
Partition coefficient Water/n-octanol	No data available
VOC%	N/A

Viscosity	No data available
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	No data available
FP Method	No data available
Ph	3.0-3.5
Melting Point	No data available
Boiling Point	230 F
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	No data available
Vapor Density	No data available

Additional Information      Specific gravity: 1.26-1.34

## Section 10. Stability and Reactivity

Chemical stability	Stable under normal conditions of storage and handling.
Hazardous polymerization	Hazardous polymerization will not occur.
Additional Information	-Conditions to avoid: High temperatures -Materials to avoid: Alkalis. Reacts with caustic, evolving heat and precipitating aluminum hydroxide. -Hazardous decomposition products: May release acid fumes and oxides of carbon and nitrogen during thermal decomposition. Possible formation of hazardous chlorine compounds.

## Section 11. Toxicological Information

Likely routes of exposure	Skin, eyes, ingestion.
Eye contact	May cause irritation with pain, swelling and redness.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation	High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.
Skin contact	Repeated or prolonged contact may cause irritation, dermatitis, defatting and drying or cracking of the skin.
Sensitization	Not classified.
Aspiration hazard	No information available.
Carcinogenicity	No components have been identified as carcinogenic by OSHA, NTP or IARC.
Mutagenicity	Not classified.
Reproductive toxicity	Not classified.
Embryotoxicity	No information available.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity-repeated exposure	Not classified.

Chronic symptoms                      None expected under normal conditions of use.

## Section 12. Ecological Information

Aquatic toxicity                      No data available.  
Bioaccumulative potential            No information available.  
Persistence and degradability        No information available.  
Mobility                                No information available.

## Section 13. Disposal

Disposal                                Dispose of in accordance with federal, state and local regulations. Do not discharge into sewer or surface water.

## Section 14. Transport Information

UN Number                            N/A  
UN Proper Shipping Name            Not classified as dangerous in the meaning of transport regulations.  
DOT Classification                    N/A  
Packing Group                        N/A

## Section 15. Regulatory Information

OSHA Hazard Communication Status    None.  
TSCA                                    The ingredients of this product are either listed on or exempt from listing on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.  
SARA Section 313                      Hazardous Component(s) subject to reporting under 40 CFR 372(SARA Title III, Sec. 313): None.  
California Proposition 65                The following chemicals are recognized by the State of California as carcinogenic: None known.

## Section 16. Other Information

Revision Date                            10/2/2015  
Version Number                        1  
HMIS                                    Health - 1; Flammability - 0; Reactivity - 0; Personal Precautions - B (Safety glasses and gloves)  
NFPA                                    Health - 1; Flammability - 0; Reactivity - 0; Special hazard - None.  
HMIS and NFPA Rating Scale        Minimal - 0; Slight - 1; Moderate - 2; Serious - 3; Severe - 4  
Reason for Revision                    New format in accordance with GHS SDS guidelines.  
Disclaimer                              While Aries Chemical Inc. believes the data set forth herein is accurate as of the date hereof, Aries Chemical makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon of such data and is offered solely for your consideration, investigation and verification.