



# Safety Data Sheet

**Aries 1027**

## Section 1. Identification

Product Identifier           Aries 1027  
Synonyms                   Flocculant  
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

Phone  
(315) 346-1489

Emergency Phone  
(800) 535-5053  
INFOTRAC

Fax  
(315) 346-1658

Email  
aries@arieschem.com

Website  
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: Rinse thoroughly with plenty of water, including under eyelids. If possible use lukewarm water. Seek medical attention if symptoms persist.  
IF INHALED: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention if necessary.  
IF ON SKIN (or hair): Remove contaminated clothing and wash off with soap and water. Seek medical attention if irritation persists. Wash clothing before reuse.  
IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Consult a

Prevention	<p>physician if necessary.</p> <p>Avoid breathing dust/fume/gas/mist/vapors/spray.</p> <p>Avoid contact with skin and eyes.</p> <p>Avoid release to the environment.</p> <p>Keep container tightly closed.</p> <p>Wash thoroughly after handling.</p> <p>Wear protective gloves/protective clothing/eye protection.</p>
Storage	<p>Store in a cool, dry, well-ventilated place away from sources of heat and ignition.</p> <p>Store in a closed container.</p>
Disposal	<p>Dispose of contents/containers in accordance with local, state and federal regulations.</p>
General	<p>Spills produce extremely slippery surfaces.</p>
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
Proprietary	Non-hazardous	<100%

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

Eye	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	If swallowed, do NOT induce vomiting. Rinse mouth with water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
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	Use water spray, carbon dioxide or dry chemical
Unsuitable Extinguishing Media	None known.

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: Thermal decomposition may release oxides of carbon and nitrogen, ammonia, hydrogen chloride.

## Section 6. Accidental Release Measures

Clean-up	Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.) Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. After removal, flush contaminated area thoroughly with water. Avoid runoff into storm sewers and ditches which lead to waterways.
----------	---

## 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 (dust, vapor, mist, gas). Use with adequate ventilation. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Contaminated surfaces will be extremely slippery. Do NOT handle, store or open near an open flame, sources of heat or sources of ignition. Do not cut, grind or weld on or near container. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Handle in accordance with good industrial hygiene and safety practice.
Storage	Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Store away from incompatible materials. Emergency eye wash and safety shower should be located nearby.
Additional Information	Incompatible materials: Strong oxidizing agents. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Non-hazardous	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Engineering controls	Adequate ventilation, eye-wash station and emergency shower.			
Eye protection	Tightly fitting safety goggles.			
Hand/skin protection	Wear chemical resistant gloves and clothing.			
Respirators	None normally required. If misty atmospheres, use a NIOSH approved acid-mist respirator. If respiratory irritation is experienced, use an approved air-purifying respirator.			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear
Odor	Odorless
Odor Threshold	No data available
Solubility	Soluble
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	5-9
Melting Point	No data available
Boiling Point	~212 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: 0.97-1.03

## 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: Store away from sources of heat and ignition. Do not cut, grind or weld near containers.  
-Materials to avoid: Strong oxidizing agents. This material reacts slowly with iron, copper and aluminum, resulting in corrosion and product degradation.  
-Hazardous decomposition products: Thermal decomposition may release carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen, hydrogen chloride vapor.

## Section 11. Toxicological Information

### Eye contact

May cause eye irritation.

Ingestion	Virtually nontoxic after a single ingestion.
Inhalation	Material is not expected to be harmful if inhaled.
Skin contact	May cause mild irritation.
Aspiration hazard	No information available.
Sensitization to product	No information available.
Carcinogenicity	No components have been identified as carcinogenic by OSHA, NTP or IARC.
Embryotoxicity	No information available.
Mutagenicity	No information available.
Reproductive toxicity	No information available.
Teratogenicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeat exposure	No information available.

## Section 12. Ecological Information

Bioaccumulative potential	No information available.
Mobility	No information available.
Persistence and degradability	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

TSCA	The ingredients of this product are either listed on or exempt from listing on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.
OSHA Hazard Communication Status	None.
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	10/20/2015
Version Number	1
HMIS	Health - 1; Fire - 0; Reactivity - 0
NFPA	Health - 1; Fire - 0; Reactivity - 0
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 refinance thereon of such data and is offered solely for your consideration, investigation and verification.