



Safety Data Sheet

Aries 2035

Section 1. Identification

Product Identifier Aries 2035
Synonyms N/A
Manufacturer Stock
Numbers N/A

Recommended use Coagulant
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 This product contains no hazardous material under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

Precautionary Statements

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
IF ON SKIN (or hair): Wash with plenty of soap and water. Get medical attention if symptoms occur.
IF SWALLOWED: Immediately call a poison center/doctor and get medical

Prevention	<p>attention if symptoms occur. Wash contaminated clothing before reuse. Avoid breathing aerosol, mist, spray, fume or vapor. Avoid eye and skin contact. Avoid release to the environment, public sewers, water systems or surface waters. Do not cut, puncture or weld on or near the container. Do not drink, taste, swallow or ingest. Do not eat, drink or smoke when using this product. Keep away from excessive heat and ignition sources. Keep container tightly closed. Use in a well-ventilated area. Wash thoroughly after handling and before eating, drinking or smoking. Wear protective gloves/protective clothing/eye protection/face protection.</p>
Storage	<p>Store between 5 and 30 C (41-86 F) in original containers. Avoid storage temperatures below freezing since product may stratify. Changes in temperature create air pressure changes inside drums. Use proper precaution in unscrewing plug and/or opening container. Store in a cool, dry, well-ventilated place. Keep container tightly closed.</p>
Disposal	<p>Dispose of contents/container in accordance with local, state and federal regulations. Empty containers retain residual product which may exhibit hazards of the product. Do not reuse empty containers without commercial cleaning or reconditioning.</p>
General	<p>Potential ACUTE health effects: May cause eye and skin irritation. Ingestion may cause irritation. High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes. Potential CHRONIC health effects: Prolonged or repeated contact may irritate the skin, causing dermatitis.</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

Ingestion	Immediately contact a poison center/health care provider and get medical
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	attention if symptoms occur.
Skin	Wash with soap and water. Get medical attention if irritation develops or persists.
First Aid Eye	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to ensure complete rinsing. Remove contact lenses if present and easy to do, then resume rinsing. Get medical attention immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Additional Information	Most important symptoms and effects, both acute and delayed: Irritation. Prolonged or repeated skin exposure may cause dermatitis.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water, foam, carbon dioxide, 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.
Flammable Properties	Can burn in fire, releasing toxic vapors.
Suitable extinguishing media	Cool exposed containers with water spray after extinguishing fire.
Additional Information	Special hazard: Thermal decomposition may product hydrogen chloride gas and/or liberate oxides of nitrogen and carbon. Spills produce slippery surfaces and could present a physical hazard for firemen.

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. Dike and absorb spill area with inert material (e.g., dry sand or earth), then place in a DOT approved chemical waste container for disposal. Deactivation materials include lime, limestone, sodium carbonate (soda ash) and sodium bicarbonate (baking soda).
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Section 7. Handling and Storage

Handling	Do not taste or ingest. Use only in a well-ventilated area. Remove contaminated clothing and wash before reuse. Avoid contact with skin and eyes. Avoid breathing aerosols, mists, spray, fumes or vapors. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.
Storage	Store locked up in a tightly closed container. Store at room temperature (between 39.2 and 89.6 F) in original container. Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Before each

opening, closed container must be safely vented. Keep from freezing. Changes in temperature create air pressure changes inside drums. Use proper precaution in unscrewing plug and/or opening container. Emergency eye wash and safety shower should be located nearby.

Additional Information

Incompatible materials: Strong oxidizers. Contact with copper, copper alloys, aluminum, mild steel or iron may cause corrosion/degradation.

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, Face Shield			
Engineering controls	Adequate ventilation, eye-wash station and emergency shower.			
Eye/face protection	Wear chemical splash goggles, face shield.			
Skin protection	Wear protective gloves and protective clothing, such as long sleeve shirt, lab coat, pants, boots.			
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.			
General hygiene considerations	Do not eat, drink or smoke while handling this product.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Yellow to amber/Clear
Odor	Amine
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	>212 F (>100 C)
FP Method	Closed cup
Ph	5-7
Melting Point	No data available
Boiling Point	>212 F (100 C)
Boiling Range	No data available.
LEL	N/A
UEL	N/A
Evaporation Rate	Same as water
Flammability	No data available.
Decomposition Temperature	No data available.

Auto-ignition Temperature	No data available.
Vapor Pressure	58 mmHg @ 38 C
Vapor Density	No data available

Additional Information Specific gravity: 1.07-1.11

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: Avoid extreme temperatures.
 -Incompatible materials: Strong oxidizers. Contact with copper, copper alloys, aluminum, mild steel or iron may cause corrosion/degradation.
 -Hazardous decomposition products: Thermal decomposition may produce hydrogen chloride gas and/or oxides of nitrogen and carbon.

Section 11. Toxicological Information

Likely routes of exposure Eyes, skin, inhalation, ingestion
Eye contact May cause eye irritation.
Skin contact Repeated or prolonged skin contact may cause irritation.
Ingestion Virtually nontoxic after a single ingestion.
Inhalation None known.
Aspiration hazard No information available.
Sensitization to product No information available.
Carcinogenicity No components have been identified as carcinogenic by OSHA, NTP or IARC.
Reproductive toxicity No information available.
Teratogenicity No information available.
Embryotoxicity No information available.
Mutagenicity Not mutagenic per Ames Test.
Specific target organ toxicity No information available.
- single exposure
Specific target organ toxicity No information available.
- repeat exposure

Section 12. Ecological Information

Aquatic toxicity No data available.
Persistence and degradability No information available.
Bioaccumulative potential Not expected to bioaccumulate.
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
Transportation Not classified as dangerous in the meaning of transport regulations.

Section 15. Regulatory Information

OSHA Hazard Communication Status None.
TSCA Hazardous Component(s) subject to reporting on the TSCA List.
SARA Section 313 Hazardous Component(s) subject to reporting under 40 CFR 372(SARA Title III, Sec. 313): None.
Additional Information California Proposition 65: This product may contain traces of a substance(s) known to the state of California to cause cancer and/or birth defects: Epichlorohydrin, <0.001%

Section 16. Other Information

Revision Date 6/21/2015
Version Number 1
HMIS Health - 1; Fire - 0; Reactivity - 0; Personal Protection - D (Full face shield, gloves and apron)
NFPA Health - 1; Fire - 0; Reactivity - 0; Special Hazard - None
HMIS and NFPA Rating Minimal - 0; Slight - 1; Moderate - 2; Serious - 3; Severe - 4
Scale
Reason for Revision New format in accordance with GHS SDS guidelines.
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