




Safety Data Sheet

Aries 0573

Section 1. Identification

Product Identifier	Aries 0573		
Synonyms	Defoamer; Antifoam		
Manufacturer Stock Numbers	N/A		
Recommended use	Water treatment, paper making, coatings, oil & gas production		
Uses advised against	N/A		
Manufacturer Contact			
Address	Aries Chemical Incorporated PO BOX 519 Beaver Falls, NY, 13305		
	Phone	Emergency Phone	Fax
	(315) 346-1489	(800) 535-5053 INFOTRAC	(315) 346-1658
	Email	Website	
	aries@arieschem.com	www.arieschem.com	

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 3
Signal Word	Danger
Pictogram	

Hazard Statements	Causes serious eye damage Harmful to aquatic life with long lasting effects
Precautionary Statements	
Response	<p>IF IN EYES: Rinse cautiously with water for at least 15 minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention IMMEDIATELY.</p> <p>IF INHALED: If affected, remove to fresh air. Get medical attention if symptoms occur.</p> <p>If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area and see a physician/get medical attention.</p> <p>IF ON SKIN (or hair): Immediately remove contaminated clothing and shoes. Wash the affected area thoroughly with plenty of soap and water. Get medical attention if symptoms occur.</p> <p>IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if you feel unwell.</p> <p>IF SWALLOWED: Do NOT induce vomiting. Rinse mouth with water. Call a poison center or doctor if you feel unwell.</p> <p>IN CASE OF FIRE: Use water spray, ABC dry chemical, foam or carbon dioxide. Closed container may rupture due to build up in pressure when exposed to extreme heat. Irritating or toxic substances may be emitted upon burning so wear a SCBA in addition to proper PPE.</p> <p>IN CASE OF SPILL: Contain by diking with sand, earth or other non-combustible materials. Absorb spill with an inert material and place into closed container for disposal. CAUTION: Spillage may cause slippery conditions.</p> <p>Wash contaminated clothing before reuse.</p>
Prevention	<p>Avoid release to the environment</p> <p>Do not taste or ingest.</p> <p>Wash hands before eating, drinking or smoking and after handling the product.</p> <p>Wear protective gloves/protective clothing/eye protection.</p>
Storage	Store in a cool, dry and well-ventilated place. Store away from incompatible substances. Keep container closed when not in use.
Disposal	Dispose of contents/container 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 %
68002-96-0	Alcohols, C16-18, ethoxylated propoxylated	75% - 85%

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

Section 4. First-Aid Measures

Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
Skin	IF ON SKIN: Immediately flush contacted area repeatedly with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Eye	IF IN EYES: In case of contact with eyes flush immediately with plenty of flowing water for at least 15 minutes, holding eyelids apart. Remove contact lenses, if present and easy to do. Have victim "roll eyes". See a physician immediately.
Ingestion	IF SWALLOWED: Give 1-2 glasses of water if conscious and alert. Do NOT induce vomiting. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
Additional Information	If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area. See a physician/get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, carbon dioxide, foam, dry powder
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. Water runoff can cause environmental damage. Dike and collect water used to fight fire.
Additional Information	Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases form combustion, burning, or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate personal protective equipment. (See Section 8). Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Use personal protective equipment (See Section 8). Change contaminated clothing and launder before reuse. Do not wear contaminated or dirty clothing home from the work-site.
Clean-up	Do not flush liquid into public sewer, water systems or surface waters. 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.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapor or mist. Avoid breathing aerosols, mists, spray, fumes or vapors. Use only in a well-ventilated area. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Do not taste or ingest. Remove contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice.
Storage	Avoid extremely high temperatures. Do not allow product to dry out. Store in a cool dry place (5-25 deg C). Store in a well-ventilated area. Keep container closed when not in use. Emergency eye wash and safety shower should be located nearby.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Ingredient Name</th> <th style="text-align: center;">ACGIH TLV</th> <th style="text-align: center;">OSHA PEL</th> <th style="text-align: center;">STEL</th> </tr> </thead> <tbody> <tr> <td>Alcohols, C16-18, ethoxylated propoxylated</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> </tr> </tbody> </table>	Ingredient Name	ACGIH TLV	OSHA PEL	STEL	Alcohols, C16-18, ethoxylated propoxylated	N/A	N/A	N/A
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Alcohols, C16-18, ethoxylated propoxylated	N/A	N/A	N/A						
Personal Protective Equipment	Goggles, Gloves, Apron								
Engineering controls	Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.								
Eye protection	Use approved safety goggles or safety glasses, as described in OSHA 29 CFR 1910.133. Splash goggles with a faceshield may be needed if splash hazards exist.								
Hand/skin protection	Wear chemical resistant gloves and impermeable protective clothing.								
Respiratory Protection	If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134). Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).								

Section 9. Physical and Chemical Properties
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Physical State	Liquid
Color	Amber
Odor	Mild
Odor Threshold	No data available.
Solubility	Dispersible
Partition coefficient Water/n-octanol	No data available.
VOC%	N/A
Viscosity	150-350 mPa.s (25 C)
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>200 C (>392 F)
FP Method	N/A
pH	6.5-7.0
Melting Point	No data available.

Boiling Point	No data available.
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: 0.95-0.98 @ 25 C
VOC: <0.3% EPA Method 24

Section 10. Stability and Reactivity

Reactivity No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability Stable under normal conditions of storage and handling.
Hazardous polymerization Hazardous polymerization will not occur under normal storage and handling.
Additional Information Conditions to avoid: Excessive heat

Section 11. Toxicological Information

Likely routes of exposure Eyes, skin, inhalation, ingestion
Sensitization Not sensitizing.
Inhalation No information available.
Eye Contact Causes serious eye damage.
Carcinogenicity No components have been identified as carcinogenic by OSHA, NTP, or IARC.
Additional Information -Acute toxicity data:
LD50 (oral): >5000 mg/kg
LD50 (dermal): >2000 mg/kg

Overexposure to mist or vaport fenerated during processing may cause respiratory irritation.

Section 12. Ecological Information

Mobility No data available.
Bioaccumulative potential No information available.
Persistence and degradation Readily biodegradable.
Additional Information LC50/Fish/96 h: 1-10 mg/L
EC50/Daphnia magna/48 h: 1-10 mg/L

Data are based on products of similar structure and/or similar composition.

Section 13. Disposal

Disposal Dispose of in accordance with federal, state and local federal regulations. For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261).

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

TSCA The ingredients of this product are either listed on or exempt from listing on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.
CERCLA Section 103 Hazardous Substances This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).
SARA Section 313 Hazardous Component(s) subject to reporting under 40 CFR 372(SARA Title III, Sec. 313): None.
California Proposition 65 This product does not contain any ingredients known to the State of California to cause cancer and/or reproductive harm.

Section 16. Other Information

Revision Date 2/24/2020
Version Number 3
Reason for Revision Updated in accordance with new version of manufacturer document.
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.