



Safety Data Sheet

DeChlor 5668

Section 1. Identification

Product Identifier DeChlor 5668
Synonyms Aries 5668
Manufacturer Stock Numbers N/A

Recommended use Water treatment, dechlorination, reducing agent
Uses advised against N/A

Manufacturer Contact

Address Aries Chemical Incorporated
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Beaver Falls, NY, 13305

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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: Flush eyes immediately with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue flushing. Get medical attention if irritation occurs and persists.
IF INHALED: Remove to fresh air. If breathing is difficult, give oxygen. If not

breathing, give artificial respiration. Get medical attention if symptoms occur.
 IF ON SKIN (or hair): Immediately wash skin with plenty of soap and water.
 Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

IF SWALLOWED: If conscious, immediately rinse mouth with water and give 1 glass of water to drink. Do NOT induce vomiting unless directed to do so by a medical personnel. Get immediate medical attention.

Prevention
 Avoid contact with eyes, skin and clothing.
 Do not breathe dust/fume/gas/mist/ vapors/spray.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Storage
 Store away from acids and oxidizing agents.
 Store in a cool (shaded), dry, well-ventilated place out of direct sunlight. Keep container tightly closed.

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 %
Proprietary	Non-hazardous	<100%

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

Section 4. First-Aid Measures

Eye
 IF IN EYES: Immediately hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if redness or irritation develops.

Ingestion
 IF SWALLOWED: do NOT induce vomiting. Rinse mouth with water. Call a physician. Do not give anything by mouth unless instructed to do so by a poison center or a health care provider.

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: Wash off immediately with soap and plenty of water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Get medical attention if irritation develops and persists.

Additional Information
 Note to physicians: Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Material is not flammable. Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Water or foam may cause frothing if product is heated above 93 C (200 F).
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand,MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual fire/explosion hazards	Containers can build up pressure if exposed to heat (fire).
Fire fighting instructions	Stay upwind of fire. Move containers from fire area if possible to do so without risk to personnel. Cool exposed containers with water spray after extinguishing fire. Water spray may be used to knock down escaping vapor.
Additional Information	Specific hazards arising from the chemical: Thermal decomposition may release oxides of sulfur.

Section 6. Accidental Release Measures

Personal precautions	Wear appropriate personal protection. (See Section 8). Wear breathing apparatus if exposed to vapors/dust/aerosols. Remove soiled clothing and launder before reuse. Avoid all skin contact with spilled material. Have emergency equipment readily available.
Clean-up	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. After removal, flush contaminated area thoroughly with water.

Section 7. Handling and Storage

Handling	Wear appropriate personal protective equipment (See Section 8) when handling, including an approved respirator if mist or vapor levels exceed exposure limits. Do not breathe (vapor, mist). Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapor or mist. Use with adequate ventilation and employ respiratory protection where mist or spray may be generated. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Keep the containers closed when not in use. Do not take internally. Handle in accordance with good industrial hygiene and safety practice.
Storage	Store in a cool, well-ventilated area away from direct sunlight. Do not store in direct sunlight. Store in a tightly closed container. Store away from incompatible materials. Emergency eye wash and safety shower should be located nearby.
Additional Information	Incompatible materials: Acids and oxidizing agents

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, 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	Wear tightly fitting safety goggles.
Hand/skin protection	Wear chemical resistant gloves and impermeable protective clothing.
Respiratory protection	Use NIOSH approved respirator in accordance with OSHA respiratory protection requirements if airborne concentrations exceed published exposure limits (29 CFR 1910.134).
Additional Information	Exposure limits for potential decomposition products: Sulfur dioxide: OSHA TWA = 5 ppm; ACGIH STEL = 0.25 ppm

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless to pale yellow
Odor	Slight sulfur odor
Odor Threshold	No data available
Solubility	Water 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	N/A
pH	9-9.5
Melting Point	No data available
Boiling Point	100 C (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: 1.05-1.21

Section 10. Stability and Reactivity

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: None known. -Materials to avoid: Oxidizing agents and acids (liberate sulfur dioxide) -Hazardous decomposition products: Sulfur dioxide

Section 11. Toxicological Information

Eye contact	May cause irritation with pain, swelling and redness.
Inhalation	May cause respiratory irritation.
Skin contact	May cause mild irritation.
Ingestion	May be harmful if swallowed. Large exposure may be fatal.
Aspiration hazard	No information available.
Sensitization	May cause severe allergic reactions in some asthmatics and sulfite sensitive individuals.
Carcinogenicity	No components have been identified as carcinogenic by OSHA, NTP, or IARC.
Embryotoxicity	No information available.
Mutagenicity	Not classified.
Reproductive effects	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.
Additional Information	Acute toxicity data: LD50/Oral/Rat = 5,660 mg/kg LD50/Dermal/Rabbit: >16,000 mg/kg

Section 12. Ecological Information

Bioaccumulative potential	No information available.
Mobility	No information available.
Persistence and degradability	No information available.
Additional Information	Aquatic toxicity data: LC50/Daphnia magna/48 hr: 3024 mg/L LC50/Western mosquitofish/96 hr: 3162 mg/L

Section 13. Disposal

Disposal	Dispose of in accordance with federal, state and local regulations. Do not discharge into sewer or surface water.
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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.
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 7/22/2020
Version Number 3
Reason for Revision Modifications to Ecotoxicity (Section 12). Updated Section 15: Regulatory Information.
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