



GT AL 303 Liquid Organic Acid Cleaner

1. IDENTIFICATION OF PRODUCT AND COMPANY.

Chemical Product Name **GT AL 303, Liquid Organic Acid Cleaner**

Company Identification **GREEN WATER TREATMENT SOLUTIONS**
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2. COMPOSITION AND INFORMATION ON INGREDIENTS.

Chemical Name

Organic Acid Solution in Water. The formulation contains no hazardous ingredients.

3. HAZARD IDENTIFICATION

Inhalation	May Cause irritation
Eye Contact	Will cause irritation
Skin Contact	May Cause irritation up on exposure
Ingestion	Harmful

4. FIRST AID MEASURES

Skin contact	Immediately remove all contaminated clothing. Wash immediately with plenty of water. Seek medical attention.
Eye contact	Flush immediately with plenty of running water. Keep eyelids apart. Continue rinsing for at least 15 minutes. Seek medical attention.
Ingestion	First rinse mouth with water. Immediately give 1-2 glasses of water, if victim is fully conscious. Do not feed anything by mouth to an unconscious or convulsive victim. Do NOT induce vomiting! Seek medical attention.
Inhalation	Promptly remove to fresh air. Get immediate medical attention if signs of suffocation, irritation or other symptoms develop.
Information to Doctor	Treat symptomatically. Note potential for anaphylactic shock with allergic individuals

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5. FIRE AND EXPLOSION DATA

Extinguishing media	Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.
Special hazards arising from the substance or mixture	If the solution is evaporated to dryness, the resulting solid may decompose if heated at high temperature.
Special protective equipment	Wear NIOSH-approved self-contained breathing apparatus. Use water-spray to keep containers cool, and to knock down vapors or gases.

6. ACCIDENT RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing
Environmental precautions	Prevent from entering sewers or the immediate environment.
Methods and material for Containment and cleaning up	Contain and absorb with sand or vermiculate and mix well. Collect up and remove to a safe place until disposal. Wash the site of spillage thoroughly with water.

7. HANDLING AND STORAGE

For personal protection see section 8. Do not handle material near food, feed or drinking water. Shower or bathe at the end of working. Do not breathe vapor. Avoid contact with skin and eyes.

Storage conditions	Store in a cool, dry, well-ventilated area
Storage temperature	Between > 1 °C and < 60°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection	Wear rubber gloves and full work clothing, including long-sleeved shirt and trousers. When handling solutions and there is prolonged or repeated contact, wear impervious gloves, clothing and boots.
Eye Protection	Use safety glasses, where contact with eyes is likely, use chemical goggles.



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Hand protection

Gauntlet type butyl gloves

Respiratory protection

Where required, use a NIOSH-approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Colourless
Odor	Characteristic
Odor Threshold	Not applicable
pH	< 3.0
Specific gravity	1.08-1.12 g/cc
Water	Soluble in water

10. STABILITY AND REACTIVITY

Conditions to avoid

Normally stable. Keep away from heat

Material to avoid

Strong Bases

Hazardous decomposition products

If the solution is evaporated to dryness, the resulting solid may decompose if heated at high temperature.

11. TOXICOLOGICAL INFORMATION

Harmful if inhaled. Prolonged or repeated exposure may cause allergic reaction. LD value of the active ingredients is not available.

12. ECOLOGICAL INFORMATION

Do not allow to enter drinking water supplies or Sources/waste water or soil.

13. DISPOSAL CONSIDERATIONS

Disposal in sewage lines is strictly prohibited. Flush the aqueous solution with water. Mop up the area and dispose it as nonhazardous waste. Treat in consultation with approved industrial waste treatment industry personnel. Refer to applicable local, state and federal regulations as well as industry standards of in accordance with applicable Federal, State and Local regulations.

14. TRANSPORTATION INFORMATION

Hazard Class	Not Applicable
UN Number	Not Applicable
Proper Shipping Name	Not Applicable
Packing Group	None

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15. REGULATORY INFORMATION

Classification:

Xi, Irritant

R Phrases

R36/38 – Irritating to eyes and skin.

S Phrases

S24/25 avoid contact with eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soap and water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

OTHER INFORMATION

NFPA
Health hazards 1
Flammability 4
Instability 0
Physical and Chemical Properties -
HMIS
Health hazards 1
Flammability 4
Physical hazards 0
Personal protection B

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The information in this document is compiled from information maintained by Green Water Treatment Solutions LLC. The data in this MSDS were prepared based on the currently available data and information assuming conditions of common handling for industrial use. No guarantee, however, is implied directly regarding the numerical values of contents, physio-chemical properties, hazards & toxicity etc., data or evaluation. As toxicity of chemical products cannot be predicted, the users are advised to adopt extreme care while handling. The users should use this information with their own responsibility and adopt appropriate safety measures based on the actual use conditions. Follow special handling, follow new safety measures and handle.