



AQURON® GSD™

Proven Since 1985

Ground Safe Decontaminant Hydrocarbon Bioremediation ENVIRONMENTAL REMEDIATION

MANUFACTURER

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PRODUCT DESCRIPTION

AQURON® GSD™ is a clear to amber aqueous borne penetrating liquid that biodegrades hydrocarbon contaminants into carbon dioxide and water.

BASIC USE

AQURON® GSD™ is a product that when properly utilized decontaminates diesel fuel, gasoline, motor oil, etc., that have been released through fractures, etc. in underground tanks. AQURON® GSD™ will work to restore soil/sand back to its original fertile vegetative condition. AQURON® GSD™ can be utilized while tanks are either in-ground or removed. While tanks are in-ground and concrete cover is still in place, treat soil beneath tanks and you have rendered the hydrocarbons (gas, diesel fuel, oil etc.) non-flammable. When tanks are finally removed the threat of fire is gone and soil does not have to be removed. No matter how deep the hydrocarbons have leached into the soil, AQURON® GSD™ will follow and there decontaminate the soil/sand.

AQURON® GSD™ is mixed with water and applied to hydrocarbon or other organic contaminants. AQURON® GSD™ grows indigenous bacteria, which biodegrades contaminants into carbon dioxide and water. AQURON® GSD™ is a cost, time and environmentally effective procedure to mitigate hydrocarbons and other organic contaminate problems.

SOME ATTRIBUTES

- Allows necessary vapor transmission
- Preserves matrix integrity
- 100% Biodegradable
- Virtually Non-toxic
- No known allergens
- Utilized with fresh or salt water
- Easy to use

SOME ATTRIBUTES CONT...

- Will penetrate as deep as problem
- Will detoxify aquifer
- Immediate protection of Ecosystem
- Molecularly adheres to oil/hydrocarbon until bioremediation process is complete
- Starts immediately to detoxify
- Eliminates fire hazard
- Cost, time and environmentally effective
- 5-year shelf life, provided container is properly stored

PRECAUTIONS

- Always use prudent laboratory or industrial hygiene procedures.
- Wear goggles, rubber boots, rubber gloves and rubber apron during use.
- If eye contact is made, flush with copious amounts of potable water or eyewash.
- If contact is made with skin, immediately wash with potable water and mild soap. Contact with skin can cause redness. If redness persists, get medical attention.

COMPOSITION

AQURON® GSD™ is a clear to amber aqueous penetrating liquid proprietary product that is comprised of organic dietary supplements.

PHYSICAL PROPERTIES

Physical	liquid
Color	clear to slightly amber
Odor	Slight ferment
Specific gravity	1.05
Flash point	none
pH	±1.5
Toxicity	virtually none
Boiling point	230°F to 110°C
Freeze temperature	32°F/0°C
Hazardous vapors	none
Weight per gallon	8.69
Environmentally	friendly
Shelf life	5 years
Flammability	none
VOC/VOS content	none
Pollutants	none
Waste disposal method	non-hazardous

■ INSTALLATION

Job Conditions

1. Do not proceed with application of AQURON® GSD™ if ambient and/or substrate temperature are less than 35°F or if forecasted to drop below 32°F during next 4 hours.
2. Pre-mix AQURON® GSD™ with potable water at a rate of 20 - 1 (20 parts water 1 part AQURON® GSD™).
3. Check list of all necessary equipment and have all equipment on hand in working order prior to application.

Application Procedure

1. Establish position of underground tanks.
2. Mark surface of concrete to show outline of tank/tanks perimeter.
3. Using the separation difference of 8 feet on center, come 12 inches further out from the tank perimeter marking around total perimeter of tank or tanks. When there are two tanks end to end, do not attempt to drill between them.
4. When soil/sand conditions below the concrete cover are hard and/or tightly compacted, use an auger drill and loosen soil/sand to a depth of 1 foot below bottom of the tank(s).
5. Cap only one end of at least a 10-foot section of 3 inch perforated schedule 40 plastic pipe.
6. Insert each cored hold with one section of 3-inch schedule 40 perforated plastic pipe as prepared according to section 5.
7. The capped end of the three inch perforated plastic pipe will go down the hole and be pressed down until the uncapped end of the pipe is flush with the surface of the concrete.
8. Using 20 to 1 diluted AQURON® GSD™, fill each plastic pipe to the surface of the concrete.

Application Procedure Cont...

9. Wait 4 to 6 hours or until permeation of all liquid has taken place then fill the plastic pipes with potable water. Fill each pipe to the surface of the concrete.
10. At least 8 hours later fill the pipes with potable water again. Fill each pipe to the surface of the concrete.
11. Repeat steps 9 and 10.
12. After 8 hours repeat step 8.
13. Repeat steps 9 and 10 again.
14. As soon as all of the water from the final step has permeated and the plastic pipes are vacant, proceed with tank retrieval

*Contact the Technical Department of the AQURON Corporation International for assistance on specific details of usage for uncommon applications or varying weather conditions.

972-722-5444 or via email aquron@aquron.com

■ CLEAN-UP AND SAFETY

All equipment will clean easily with potable water.

■ SHELF LIFE

Shelf life is 5 years provided product is maintained in original containers with lids tightly sealed.

■ PACKAGING

AQURON® GSD™ is available in 5 gallon/19.4 liters, 55 gallon/213.4 liter drums.

AQURON® GSD™ is also available in bulk containers.

■ TECHNICAL SERVICES

Technical information and assistance may be obtained from your local dealer, or by calling the technical department of the Aquron Corporation at (972) 722-5444, (800) 342-4649 Office, or (972) 722-6412 FAX or toll free FAX (888) 412-1543. E-mail welcome –info@aquron.com

Warranties and Limitations of Liability

Aquron Corporation ("Seller") warrants that if any goods supplied prove defective in workmanship or materials, that Seller shall replace them or refund their purchase price. Aquron Corporation offers a performance warranty for this Aquron® product. The warranty for the performance of this Aquron® product must be requested from the Aquron Corporation and initiated prior to applying this Aquron® product. Failure to initiate warranty of performance prior to application, holds harmless Aquron Corporation of any liability arising from its use, and user assumes all risk and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified. There are no warranties express or implied which extend beyond the face herewith.

Local Area Representative