



SEPTIC TANK & DRAINFIELD ACTIVATOR

1 - Product and Company Identification

Product Name: SEPTIC TANK & DRAINFIELD ACTIVATOR

Product Use: Septic Tank Additive

SUPPLIER:

MANUFACTURER:

Vector Laboratories
Howard Grant Corp.
316 Alexander St.
Youngstown, OH 44502
Tel: 800-331-0347

EMERGENCY: 800-255-3924 CHEM-TEL ID # MIS0004293

2 - Hazards Identification

2.1 Classification

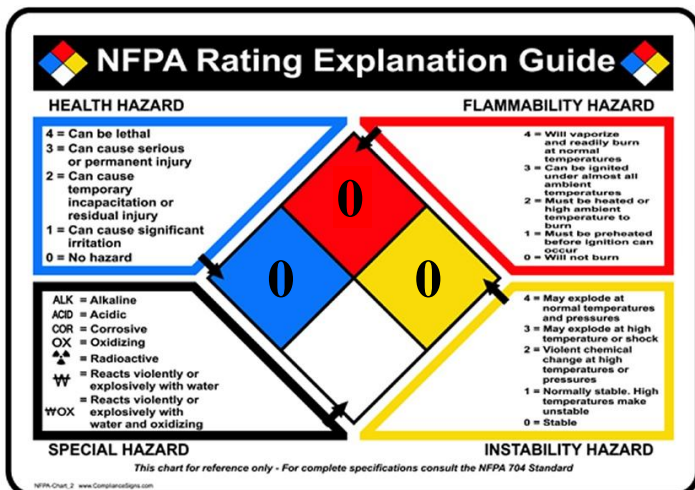
2.2 Label Elements

Signal Word (GHS – US) Not applicable

Hazard Statements (GHS – US) Not applicable

Precautionary Statements (GHS – US)

- P233 – Keep container tightly closed
- P264- Wash...thoroughly after handling
- P301+P330+P331 – If swallowed: rinse mouth.
- P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P310 – If ingested, call a doctor/physician
- P404 – Store in a closed container
- P501 – Dispose of contents/container according to local, regional, national and international regulations.



PERSONAL PROTECTION INDEX					
A			G	+ +	
B	+		H	+ + +	
C	+ +		I	+ +	
D	+ +		J	+ + +	
E	+ +		K	+ + +	
F	+ + +		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions	
A		n		p	
Safety Glasses	Splash Goggles	o	Face Shield & Eye Protection	Boots	q
					r
					Synthetic Apron
					Full Suit
t		u		y	
Dust Respirator	Vapor Respirator	w	Dust & Vapor Respirator	Full Face Respirator	z
					Airline Hood or Mask
					Additional information

2.3 Other Hazards

Other Hazards not contributing to the classification:

None known

2.4 Unknown acute toxicity (GHS – US)

No data available

3 – Composition/information on ingredients

3.1 Chemical Identity: MIXTURE

3.2 Common name, synonyms, etc: Mixture, blend, solution, liquid.

3.3

Chemical Name	Cas Number	% Present	GHS Classification	Notes
Trade Blend of Bacteria & Enzymes		>50 %		
Water	7732-18-5	> 50 %		

4 – First Aid Measures

4.1 Description of First Aid Measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).



After inhalation: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

After skin contact: Wash skin thoroughly with soap and water or use a recognized skin cleanser. Apply lotion to dry skin



After eye contact: Immediately flush with large quantities of water for at least 15 minutes while holding eyelids open. If contact lenses are present remove if easy to do so. Continue to flush eyes out. If irritation persists, seek medical attention immediately.

After ingestion: Immediately rinse mouth. Drink large quantities of water or milk for dilution effect; seek medical attention if needed.



4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Mild irritant to eyes.

Symptoms/Injuries after Inhalation: None known.

Symptoms/Injuries after skin contact: None known.

Symptoms/Injuries after eye contact: Mild irritation, reddening.

Symptoms/Injuries after ingestion: Ingestion is likely to be harmful or have adverse effects.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical attention is needed have container or label at hand.

5 – Firefighting Measures

5.1 Extinguishing Media:

Use media appropriate for surrounding area. Water, Dry Chemical or Foam recommended.

5.2 Special hazards arising from the substance or mixture:

Fire Hazard: Not flammable

Explosion Hazard: Product is not explosive.

Other Hazards: None known.



5.3 Special protective equipment and precautions for firefighters

Do not enter area without proper protective equipment including respiratory protection.

Exercise caution when fighting any chemical fire.

Do Not allow run-off from fire fighting to enter drains or water courses.

6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment And Emergency Procedures:

General Measures: Do not get in eyes.

6.1.1 For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE)

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2 For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Stop leak if safe to do so.

6.2 Environmental Precautions:

None known.

6.3 Methods and Material for Containment and Cleaning Up

For containment: Absorb and contain with inert material then place in suitable container.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely according to Federal, State and local regulations.



7- Handling and storage

7.1 Precautions for safe handling:

Ensure good ventilation at workplace. Use proper safety equipment and clothing.
Handle in accordance with good industrial hygiene and safety procedures.
Do not eat, drink or smoke while handling.
Wash thoroughly after use; remove any contaminated clothing to be washed.

7.2 Conditions For Safe Storage, Including Any Incompatibles:

Store in a cool, dry, well ventilated place.
Keep container tightly closed when not in use.

Incompatible Products: Strong acids, strong oxidizers.

Special Rules On Packaging: Store in original container.

7.3 Specific End Use(s)

For maintenance of septic tanks, drains and pipes.

8 – Exposure Controls/Personal Protection

8.1 Control Parameters

8.2 Appropriate Engineering Controls: Ensure all/national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3 Individual protection measures (PPE – Personal Protection Equipment). **Protective clothing.** Safety glasses. Gloves.
Eye Protection: Goggles.
Hand Protection: Wear protective gloves.



9 – Physical and Chemical Properties

Physical State: Liquid
Appearance:..... White Liquid
Odor: Fresh N Clean Scent
Odor Threshold:..... N.A.
pH (Concentrate): 6-8
Melt/freeze point: No data available
Boiling Point: 218°F
Flash Point: No data available
Auto Ignition Temp...... No data available
Decomposition Temp No data available
Flammability (solid, gas) No data available

Upper/lower flammability or explosive limits
Lower limits No data available
Upper limits No data available
Vapor Pressure..... No data available
Vapor Density: No data available
Relative Density: 1.08 (water = 1)
Solubility:..... Complete
Evaporation Rate:..... N.A.
Solubility In Water: 100%
Partition coefficient: n-octanol/water No data available
Auto-ignition temp...... No data available
Decomposition temp No data available

10 – Stability and reactivity

Chemical stability:Stable.

Possibility of hazardous reactions:.....No dangerous reactions known.

Conditions to avoid:None known.

Incompatible materials:None known.

Hazardous decomposition products:No dangerous decomposition products known.

11 – Toxicological Information

11.1 Information on the likely routes of exposure:

Eye contact

Ingestion

Skin contact

11.2 Symptoms related to the physical, chemical and toxicological characteristics:

Eyes: Mild redness and mild irritation.

Skin: None known.

Inhalation: None known.

Ingestion: None known.

11.3 Delayed and immediate effects and also chronic effects from short and long term exposure

Eyes: Causes mild eye irritation

Skin: No data available

Inhalation: No data available

Ingestion: Ingestion is likely to have adverse effects.

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

CHRONIC TOXICITY: No data available

MUTAGENIC DATA: Not genotoxic.

Carcinogenic categories:

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

11.4 Numerical measures of toxicity

No known toxicity

12– Ecological Information

12.1 Ecotoxicity (aquatic and terrestrial, where available)

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in Soil

No further relevant information available.

12.5 Other adverse effects.

No further specific information available.

General Notes:

- Water hazard class: No hazards for water
- **Results of PBT and vPvB assessment:** Not classified as PBT or vPvB.

Conclusion: Completely Biodegradable

13– Disposal Considerations

Waste treatment methods: Follow local, state and national regulations.

Recommendation: Disposal must be made in accordance with all relevant regulations.

14– Transport Information

14.1 UN number:

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

14.4 Packing Group:

Special Provisions

14.5 Marine Pollutant: No

14.6 Special Precautions:

15– Regulatory Information

Regulatory Overview: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

OSHA Hazard Communication Standard:

Hazardous

Non Hazardous

Cercla/Superfund:

This product does not contain any chemicals subjected to the reporting requirements of SARA Section 313

SARA Extremely Hazardous Substances:

This product does not contain any chemicals subjected to the reporting requirements of SARA Section 313

SARA Hazard Categories:

Acute (Immediate)

Chronic

Fire

Pressure

Reactive

None

SARA Toxic Substances:

This product does not contain any chemicals subjected to the reporting requirements of SARA Section 313

US Toxic Substances Control Act/Inventory Status

All ingredients of this product are listed on the TSCA Inventory.

EPCRA (Emergency Planning and Community Right-to Know Act) Chemicals and Reportable Quantities (RQs (Lbs))

GHS: This product is classified and labeled according to the Globally Harmonized System (GHS).

State Regulations: None Listed

16– Other Information

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