SAFETY DATA SHEET

Issuing Date April-20th-2020 **Revision Date** July 17th, 2020 **Revision Number** 02D

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name **Envirocleanse-A Anolite Solution**

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Biocide/Disinfectant (EPA Reg. #85134-1) for use on hard surfaces as well as biocide in oil fracking & sour wells, disinfectant of food, and disinfectant of potable water.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Name Envirocleanse, LLC.

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

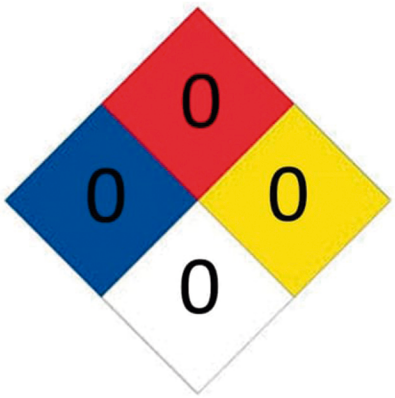
Appearance: Clear **Physical state:** Liquid **Odor:** Mild/Slight chlorine like odor

Precautionary Statements - Prevention
None

Precautionary Statements - Response
None

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None



Hazards not otherwise classified (HNOC)
Not applicable

Unknown Toxicity
0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information
Product is not known to cause eye irritation. However, if product is splashed or sprayed directly into eyes, rinse with water as a precaution and/or if eye irritation develops. Seek medical advice if eye irritation persists.

Interactions with Other Chemicals
Yes, such as toilet bowl cleaners, rust removers, acids, or products containing ammonia. **DO NOT MIX WITH ANY OTHER CHEMICALS**

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their listed given concentration, are considered to be hazardous to health.
Product composition and listed active and inactive ingredients are as follows:

- •Hypochlorous Acid 0.025% (active ingredient);
- •Hypochlorite Ion 0.00418% (inactive ingredient);
- •Ozone, Chlorine Dioxide, Chloric Acid, Chlorous Acid <0.0003% (inactive ingredients);
- •Water 99.77% (inactive ingredient);
- •Sodium chloride (salt) 0.2% (inactive ingredient).
- •CAS #7790-92-3

4. FIRST AID MEASURES

First aid measures

Eye contact Although this product is not known to cause eye irritation, rinse with water. Seek medical advice if irritation develops or persists.

Skin contact Although this product is not known to cause skin irritation, However rinse with water if skin irritation develops. Seek medical advice if skin irritation persists.

Inhalation Although this product is not known to cause respiratory problems, seek medical advice if breathing difficulty develops or persists.

Ingestion Although this product is not known to cause ingestion problems, if ingested, drink plenty of tap water. Seek medical advice if gastric distress develops.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazards connected with possibility of fire or explosion: None

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical (this product)
None

Explosion Data Non explosive and Non flammable

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Refer to section 4 and section 8

Environmental precautions Refer to protective measures listed in Sections 7 and 8.

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed Store at room temperature 20-25deg C. Store in original sealed container, at room temperature, away from direct sunlight and heat.

Incompatible Products Avoid contact with other chemicals such as toilet bowl cleaners, rust removers, acids, or products containing ammonia.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures for high volume storage UV protected containers

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No special protective equipment required. Refer to section 11

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid		
Appearance	Clear	**Odor**	Mild/Slight chlorine light odor
Color	Clear transparent	**Odor Threshold**	Individual dependant

Property	**Values**	**Remarks Method**
pH	Neutral ~6.5 to 7	None known
Melting / freezing point	0 °C / 32 °F	None known
Boiling point / boiling range	100 °C / 212 °F	None known
Flash Point	5001 C / 9034 F	None known
Evaporation Rate	similar as water	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	None	
Upper flammability limit	None	

Lower flammability limit	None	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.02 - 1.06	None known
Water Solubility	100%	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	None	
Oxidizing properties	Slight to none when applied according to directions	

Other Information

Softening Point	N/A
VOC Content (%)	0% or (0 g/L)
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

Non-combustible, Non-Flammable

Chemical stability

Stable under normal ambient conditions of temperature and pressure. Discard any product after Best-by date or older than 6 months.

Possibility of Hazardous Reactions

None

Conditions to avoid

High temperatures, incompatible materials.

Incompatible materials

Do not use or mix with other household chemicals..

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information .

Inhalation	Although this product is not known to cause respiratory problems, seek medical advice if breathing difficulty develops or persists.
Eye contact	Although this product is not known to cause eye irritation, rinse with water. Seek medical advice if irritation develops or persists.
Skin contact	Although this product is not known to cause skin irritation, rinse with water if any irritation acures. seek medical advice if irritation develops or persists.
Ingestion	Although this product is not known to cause ingestion problems, if ingested, drink plenty of tap water. Seek medical advice if gastric distress develops.

Component Information No information available

Information on toxicological effects

Symptoms No information available.

Refer

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

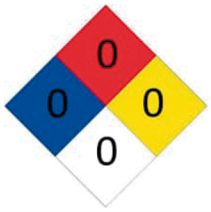
Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects None known.

Aspiration Hazard No information available.



Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity
Fish: Not established. May be toxic to fresh water - aquatic life in very large quantities of pure form

Daphnias: Tests have established that concentrated Anolite solutions
attenuated in ratio 1:500 are not hazardous for daphnias

Persistence and Degradability
100% biodegradable.

Bioaccumulation
N/A

Other adverse effects
N/A

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 561

14. TRANSPORT INFORMATION

DOT NOT REGULATED
Proper Shipping Name NON REGULATED
Hazard Class N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated
Proper Shipping Name NON REGULATED
Hazard Class N/A

IMDG/IMO Not regulated
Hazard Class N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
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) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated by state right-to-know regulations.

International Regulations

Canada
WHMIS Hazard Class Not determined

16. OTHER INFORMATION

NFPA	**Health Hazards**	0	**Flammability** 0	**Instability**	0	**Physical and Chemical Hazards** -	0
HMIS	**Health Hazards**	0	**Flammability** 0	**Physical Hazard**	0	**Personal Protection**	0

Revision Date May 27, 2020

Revision Note This Document created on April 20, 2020

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End of Safety Data Sheet