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

Product identifier

Product Name  Zero Hazard Anolyte 250 PPM

Other means of identification Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended Use:  Apply to sanitize any hard surface safely and effectively. Thoroughly cover the surface with sanitizing solution. If the surface needs to be dried, wait 15 seconds, then wipe dry. May be diluted 5:1. Uses include hospitals, dental offices, food processing, factories, stadiums, schools, fleet services, transportation vehicles, office space. Approved substance utilized to control the growth of microorganisms (CFR 21Sec 178.1010) for food contact surfaces, processing equipment, utensils, and hard non-porous surfaces. Used for medical and healthcare, aquaculture, CIP for food processing, drinking water disinfection, waste water treatment.

Uses advised against:  No information available

Details of the supplier of the safety data sheet

Manufacturer Name  Zero Hazard

Manufacturer Address  506 Industrial Drive
                        Suite B
                        Lewisberry, PA 17339

Supplier Phone Number:  (888) 988-4633

Supplier Email:  info@zerohazard.com

Emergency telephone number

Company Emergency Phone Number:  (888) 988-4633

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.

### 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 99.975% (inactive ingredient)
4. FIRST AID MEASURES

First aid measures

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

Skin contact
Although this product is not known to cause skin irritation, however if irritation occurs 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, if irritation occurs seek medical advice if breathing difficulty develops or persists.

Ingestion
Although this product is not known to cause ingestion problems, if ingested and irritation occurs, 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
None

Explosion Data
Non explosive and 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.
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 products 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 designated by 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
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Neutral ~6 to 7</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>0 °C / 32 °F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 °F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>5001 C / 9034 F</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>similar as water</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>None</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>None</td>
<td>None known</td>
<td></td>
</tr>
</tbody>
</table>
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

Proper Shipping Name

N/A

Hazard Class

N/A

TDG

Not regulated

MEX

Not regulated

ICAO

Not regulated

IATA

Proper Shipping Name

N/A

Hazard Class

N/A

IMDG/IMO

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
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<tbody>
<tr>
<td>Acute Health Hazard</td>
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</tr>
<tr>
<td>Chronic Health Hazard</td>
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</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
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</tr>
<tr>
<td>Reactive Hazard</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
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<table>
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<th>Health Hazards</th>
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<th>Physical Hazard</th>
<th>Personal Protection</th>
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</table>

Prepared By       Kevin D Close
Zero Hazard
Lewisberry, PA
(717) 844-5004

Revision Date      1st-July-2020
Revision Note      New Document

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet