SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION PRODUCT
NAME: Noroxycdiff™

GENERAL USE: CLEANER, DISINFECTANT, FOOD CONTACT SURFACE SANITIZER, VIRUCIDE*

MANUFACTURER: Aqua-EZ Inc. 6100 Wheaton Dr, Atlanta, GA 30336

DATE REVISED: 03/01/2017
This version replaces all previous versions.

2. COMPOSITION / INFORMATION ON INGREDIENTS
The combined ingredients of this product at their given percentages are not considered hazardous to your health.

GENERAL USE: CLEANER, DISINFECTANT, FOOD CONTACT SURFACE SANITIZER, VIRUCIDE*

Poison Center call: (800) 222-1222

EMERGENCY TELEPHONE NUMBERS

3. PHYSICAL AND CHEMICAL PROPERTIES

SCENT: Mild
APPEARANCE: Clear
BOILING POINT: 86°C (187°F) at 630 mm Hg
DENSITY / WEIGHT PER VOLUME: 1.044 g/ml or 8.7 lbs/gal
EVAPORATION RATE: Above 1 (Butyl Acetate = 1)
OXIDIZING PROPERTIES: None
pH: 4.5
SOLUBILITY IN WATER: (% by wt. @ 25°C / 77°F): 100

Noroxycdiff's Activated Formula is:
- Non-Corrosive
- Non-Fuming
- Dermally Non-Toxic
- Organic

Noroxycdiff’s Activation Instructions

Activation of Noroxycdiff’s occurs by pouring the entire contents of the Noroxycdiff 4 fl. oz. bottle in a gallon of water to achieve a 99:1 mixed ratio and agitating the combined solution for 15 seconds. Noroxycdiff™ is Ready-to-Use - Customer Activated Formula

4. TOXICOLOGICAL INFORMATION

TARGET ORGANS: Eyes, skin, nose, throat, lungs

EYE EFFECTS: Moderate, temporary eye irritation

SKIN EFFECTS: Non-irritating

DERMAL LD50: No mortalities or abnormalities > 5000 mg/kg

ORAL LD50: No mortalities or abnormalities > 5000 mg/kg

INHALATION LC50: Inhalation toxicity > 2.01 mg/L

CARCINOGENICITY: No carcinogenic effect in rats or mice.

5. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a poison control center or physician for treatment advice.

6. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: Not available
SENSITIVITY TO STATIC DISCHARGE: Not available

FIRE FIGHTING INFORMATION

Suitable extinguishing media: Use media appropriate for the surrounding fire.
Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

NFPA
Health 0 Flammability 0 Reactivity 0

NFPA = National Fire Protection Association
Degree of Hazard Code:
4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

7. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Control run off and isolate discharged material for proper disposal.

8. HANDLING AND STORAGE

HANDLING: Special ventilation not required.

STORAGE: Store in a cool, dry, well ventilated area. For quality purposes, avoid temperatures above 86° F. higher temperatures will accelerate decomposition resulting in a loss of assay. Do not store in direct sunlight, or near sources of ignition or heat. Use first in, first out storage system.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

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10. PERSONAL PROTECTIVE EQUIPMENT

EYES PROTECTION: Use approved safety eye wear.
SKIN PROTECTION: Wear neoprene or rubber gloves to prevent skin contact if prolonged skin contact is likely.
PROTECTIVE CLOTHING: Not required.
RESPIRATORY PROTECTION: Protective face mask is recommended.
GLOVES: Wear protective gloves.

11. STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: None

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product decomposes naturally. Peracetic acid is completely miscible with water. Aqueous solutions of peracetic acid hydrolyze to acetic acid and hydrogen peroxide. When this product contacts soil the peracetic acid and hydrogen peroxide are completely decomposed to water, acetic acid and oxygen within 20 minutes. This decomposition is accelerated by the naturally occurring transition metal components in the soil.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Discharge into a suitable treatment system in accordance with local, state and federal governmental agencies.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)
Domestic (Land, D.O.T.)
Proper Shipping Name: Not regulated (not classified as a Dangerous Goods material)
Hazard Class: Not applicable
UN/NA: Not applicable
Packing Group: Not applicable

International (Water, I.M.O.)
Proper Shipping Name: Not regulated (not classified as a Dangerous Goods material)
Hazard Class: Not applicable
UN/NA: Not applicable
Packing Group: Not applicable

International (Air, I.C.A.O.)
Proper Shipping Name: Not regulated (not classified as a Dangerous Goods material)
Hazard Class: Not applicable
UN/NA: Not applicable
Packing Group: Not applicable

16. Further information

Data for the production of the safety data sheet from the studies available and from the literature. Further information about the characteristics of the product can be found in the product code of practice or in the product brochure.

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.
Concentrated Formula

SAFETY DATA SHEET

1. Identification
Product identifier Noroxydiff
Other means of identification
Product registration number 10324-214-92089

Recommended use
FIFRA Regulated End Use Product
Recommended restrictions (EUP) None known.
Manufacturer information
Company name Aqua-EZ Inc.
Address 6100 Wheaton Dr, Atlanta, GA 30336
Telephone 404-381-2022

Emergency phone number CHEMTREC USA: 1-800-424-9300
CHEMTREC International: 1-860-424-9300

2. Hazard(s) identification
Physical hazards Flammable liquids Category 4
Organic peroxides Type F
Health hazards Acute toxicity, oral Category 4
Skin corrosion/irritation Category 1B
Serious eye damage/eye irritation Category 1
OSHA defined hazards Specific target organ toxicity, single exposure Category 3 respiratory tract irritation
Not classified.

Signal word Danger
Hazard statement Combustible liquid. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. May cause respiratory irritation.

Precautionary statement
Prevention
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response
If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.
Storage Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients
Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td></td>
<td>7722-84-1</td>
<td>20  - &lt; 30</td>
</tr>
<tr>
<td>Acetic Acid</td>
<td></td>
<td>64-19-7</td>
<td>5  - &lt; 10</td>
</tr>
<tr>
<td>Peracetic Acid</td>
<td></td>
<td>79-21-0</td>
<td>5  - &lt; 10</td>
</tr>
<tr>
<td>Etdronic Acid</td>
<td></td>
<td>2809-21-4</td>
<td>1  - &lt; 3</td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td></td>
<td>7664-93-9</td>
<td>1</td>
</tr>
</tbody>
</table>

Other components below reportable levels 50 - < 60

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures
Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact
Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Ingestion
Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures
Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Fire fighters may be exposed to the following hazards: halogenation products, phosphorus derivatives, and oxides of nitrogen may be formed during fires.

Fire fighting equipment/instructions
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials. Combustible liquid.

Environmental hazards
Hazardous to the aquatic environment, acute hazard
Hazardous to the aquatic environment, long-term hazard

Hazard(s) not otherwise classified (HNOC)
Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Supplemental information
7% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

TO NEUTRALIZE SPILL:

Add sodium carbonate (soda ash) at a rate of 1-3 pounds for each gallon of concentrated solution.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

IF CONTAMINATION OCCURS:
The drum or container may be hot to the touch. Cool the drum with water if possible. Excessive bubbles may be present in the liquid. Move the drum to an outside location or ventilated area to prevent exposure damage. If possible, dilute the concentrated product within the drum or container. Be aware that heat may be generated during this process.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling

Keep away from open flames, hot surfaces and sources of ignition. Keep away from clothing and other combustible materials. Keep away from heat, sparks and open flame. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Keep only in the original container. Store in a well-ventilated place. Store away from other materials. Keep in an area equipped with sprinklers. DO NOT allow the concentrated solution to contact any metals other than stainless steel. Preferred materials are plastics such as polypropylene, PVC, polyethylene, Kynar and PTFE. DO NOT allow galvanized metal, copper, iron, steel or brass to come in contact with the concentrated solution. DO NOT place anything into the concentrated drum that is not new in order to avoid contamination and unwanted reaction. DO NOT return unused solution back into the drum. DO NOT store the product in direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid (CAS 64-19-7)</td>
<td>PEL</td>
<td>25 mg/m³</td>
</tr>
<tr>
<td>Hydrogen Peroxide (CAS 7722-84-1)</td>
<td>PEL</td>
<td>1.4 mg/m³</td>
</tr>
<tr>
<td>Sulfuric Acid (CAS 7664-93-9)</td>
<td>PEL</td>
<td>1 mg/m³</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid (CAS 64-19-7)</td>
<td>STEL</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Hydrogen Peroxide (CAS 7722-84-1)</td>
<td>TWA</td>
<td>10 ppm</td>
</tr>
<tr>
<td>Peracetic Acid (CAS 79-21-0)</td>
<td>STEL</td>
<td>0.4 ppm</td>
</tr>
<tr>
<td>Sulfuric Acid (CAS 7664-93-9)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid (CAS 64-19-7)</td>
<td>STEL</td>
<td>37 mg/m³</td>
</tr>
<tr>
<td>Hydrogen Peroxide (CAS 7722-84-1)</td>
<td>TWA</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Sulfuric Acid (CAS 7664-93-9)</td>
<td>TWA</td>
<td>1 mg/m³</td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

Appearance

Dry solid.

Physical state

Liquid.

Form

Liquid.

Color

Colorless.

Odor

Pungent Vinegar.

Odor threshold

Not available.

pH

> 1

Melting point/freezing point

Not available.

Initial boiling point and boiling range

212 °F (100 °C)

Flash point

181.4 °F (83.0 °C)

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapor cartridge.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Upper/lower flammability or explosive limits

- Flammability limit - lower (%): Not available.
- Flammability limit - upper (%): Not available.
- Explosive limit - lower (%): Not available.
- Explosive limit - upper (%): Not available.

Vapor pressure: 22 mm Hg @ 25 deg C

Solubility (water): Miscible

Other information
- Specific gravity: 1.1 @ 25 deg C
- VOC (Weight %): 7 % estimated

10. Stability and reactivity

Reactivity: Reacts violently with strong alkaline substances. This product may react with reducing agents.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals. Contact with incompatible materials. Bases. Strong oxidizing agents. Reducing agents.

Hazardous decomposition products: Toxic gas.

11. Toxicological information

Information on likely routes of exposure

Inhalation: May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

Skin contact: Causes severe skin burns.

Eye contact: Causes serious eye damage.

Ingestion: Causes digestive tract burns. Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Information on toxicological effects

Acute toxicity: In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Harmful if swallowed. May cause respiratory irritation.

Components

<table>
<thead>
<tr>
<th>Acetate Acid (CAS 64-19-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Oral</td>
</tr>
<tr>
<td>LD50: 3310 mg/kg Rat</td>
</tr>
<tr>
<td>Ethidronic Acid (CAS 2809-21-4)</td>
</tr>
<tr>
<td>Acute Dermal</td>
</tr>
<tr>
<td>LD50: &gt; 10000 mg/kg Rabbit</td>
</tr>
</tbody>
</table>

Material name: Noroxycoff

Version #: 01   Revision date: 06–2017

SDS US 5 / 11

Material name: Noroxycoff

Version #: 01   Revision date: 05–2017

SDS US 6 / 11
### 12. Ecological information

**Ecotoxicity**

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

**Persistence and degradability**

No data is available on the degradability of this product.

### 13. Disposal considerations

**Disposal instructions**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Local disposal regulations**

Dispose in accordance with all applicable regulations.

**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

**DOT**

- **UN number**: UN3109
- **UN proper shipping name**: Organic peroxide type F, liquid (Peroxycetic acid, type F, stabilized)
- **Transport hazard class(es)**: Organic peroxide type F, liquid (Peroxycetic acid, type F, stabilized)
  - **Class**: 5.2
  - **Subsidiary risk**: 8
  - **Label(s)**: II
  - **Packing group**: II
  - **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.
  - **Special provisions**: IP5
  - **Packaging exceptions**: 152
  - **Packaging non bulk**: 225
  - **Packaging bulk**: 225
  - **ERG number**: 145
- **IATA**
  - **UN number**: UN3109
  - **UN proper shipping name**: Organic peroxide type F, liquid (Peroxycetic acid, type F, stabilized)
  - **Transport hazard class(es)**: Organic peroxide type F, liquid (Peroxycetic acid, type F, stabilized)
  - **Class**: 5.2
  - **Subsidiary risk**: 8
  - **Label(s)**: II
  - **Packing group**: II
  - **Environmental hazards**: No.
  - **ERG Code**: 5L
  - **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.
  - **Other information**: Passenger and cargo aircraft Allowed.
  - **Cargo aircraft only**: Allowed.
- **IMDG**
  - **UN number**: UN3109
  - **UN proper shipping name**: ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, TYPE F, STABILIZED)
  - **Transport hazard class(es)**: ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, TYPE F, STABILIZED)
  - **Class**: 5.2
  - **Subsidiary risk**: 8
  - **Packaging group**: II
  - **Environmental hazards**: No.
  - **Marine pollutant**: No.
  - **EmS**: F-J, S-R
  - **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.

### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid (CAS 64-19-7)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50 Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50 Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50 Oncorhynchus mykiss</td>
</tr>
<tr>
<td><strong>Chronic</strong></td>
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</tr>
<tr>
<td>Algae</td>
<td>NOEC Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>NOEC Daphnia</td>
</tr>
<tr>
<td><strong>Peracetic Acid (CAS 79-21-0)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
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</tr>
<tr>
<td>Algae</td>
<td>EC50 Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50 Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50 Bluegill (Lepomis macrochirus)</td>
</tr>
<tr>
<td><strong>Chronic</strong></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>NOEC Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>NOEC Fish</td>
</tr>
<tr>
<td><strong>Sulfuric Acid (CAS 7664-93-9)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50 Algae</td>
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<tr>
<td>Crustacea</td>
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<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>NOEC Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>NOEC Fish</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

DOT

IATA

IMDG

Not established.

15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Acetic Acid (CAS 64-19-7) Listed.
Peracetic Acid (CAS 79-21-0) Listed.
Sulfuric Acid (CAS 7664-93-9) Listed.

SARA 304 Emergency release notification
Hydrogen Peroxide (CAS 7722-84-1) 1000 LBS
Peracetic Acid (CAS 79-21-0) 500 LBS
Sulfuric Acid (CAS 7664-93-9) 1000 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>Reportable quantity</th>
<th>Threshold planning quantity, lower value</th>
<th>Threshold planning quantity, upper value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1000</td>
<td>1000 lbs</td>
<td></td>
</tr>
<tr>
<td>Peracetic Acid</td>
<td>79-21-0</td>
<td>500</td>
<td>500 lbs</td>
<td></td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td>7664-93-9</td>
<td>1000</td>
<td>1000 lbs</td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peracetic Acid</td>
<td>79-21-0</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td>7664-93-9</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Peracetic Acid (CAS 79-21-0) Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

Drug Enforcement Administration (DEA), List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Sulfuric Acid (CAS 7664-93-9) 6552

Drug Enforcement Administration (DEA), List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Sulfuric Acid (CAS 7664-93-9) 20 %, W/V

DEA Exempt Chemical Mixtures Code Number
Sulfuric Acid (CAS 7664-93-9) 6552

FIFRA Information
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. Those requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Listed below is the hazard information as required on the pesticide label.

Signal word
DANGER

Hazard statement
CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not get into eyes, on skin or on clothing. Do not breathe vapors or spray mist.

Noroxycdiff Concentrate Packaging, Shipping and Storage:
The specially designed Bottle and Case Configuration utilized for shipping the NOROxyCdiff Concentrate;(4) 4-Ounce Pre-Measured Vented-Cap Bottles, allow PreVasive to ship our product without the necessity of Hazard DOT shipping requirements and is non-flammable. The packaging has a no HAZARD shipping designation due to the small quantity per case and specially designed bottle. Sufficient quantities are not packaged to create a flammable Shipping & Storage characteristic.
## US state regulations

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11000)**
- Not listed.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**
- Sulfuric Acid (CAS 7664-93-9)

**US. Massachusetts RTK - Substance List**
- Acetic Acid (CAS 64-19-7)
- Hydrogen Peroxide (CAS 7722-84-1)
- Peracetic Acid (CAS 79-21-0)
- Sulfuric Acid (CAS 7664-93-9)

**US. New Jersey Worker and Community Right-to-Know Act**
- Acetic Acid (CAS 64-19-7)
- Hydrogen Peroxide (CAS 7722-84-1)
- Peracetic Acid (CAS 79-21-0)
- Sulfuric Acid (CAS 7664-93-9)

**US. Pennsylvania Worker and Community Right-to-Know Law**
- Acetic Acid (CAS 64-19-7)
- Hydrogen Peroxide (CAS 7722-84-1)
- Peracetic Acid (CAS 79-21-0)
- Sulfuric Acid (CAS 7664-93-9)

**US. Rhode Island RTK**
- Acetic Acid (CAS 64-19-7) Hydrogen Peroxide (CAS 7722-84-1) Peracetic Acid (CAS 79-21-0) Sulfuric Acid (CAS 7664-93-9)

### International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)*  
*A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).*

### 16. Other information, including date of preparation or last revision

- **Issue date**: 05-28-2015
- **Revision date**: 06-07-2017
- **Version #**: 02
- **NFPA ratings**:  
  - Health: 3  
  - Flammability: 2  
  - Instability: 0
- **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.
- **Revision Information**: Accidental release measures: Methods and materials for containment and cleaning up Handling and storage: Conditions for safe storage, including any incompatibilities