



Ready to Use

Noroxycdiff™

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.

EMERGENCY TELEPHONE NUMBERS

Poison Center call: (800) 222-1222

2. COMPOSITION / INFORMATION ON INGREDIENTS

The combined ingredients of this product at their given percentages are not considered hazardous to your health.

READY TO USE - Customer Activated Formula

Chemical Name	CAS#	Wt.%	EC No.	EC Class
Peroxyacetic Acid	79-21-0	0.184	201-186-8	O,Xi;R7;S1/2-3/7-1 4-36/37/39-45-61
Hydrogen Peroxide	7722-84-1	0.853	231-765-0	Xn,R22-41;S1/2-3-17-2 6-28-36/37/39-45

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 post-Activation.

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

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.

HMIS HAZARD RATING

Health 1	Flammability 0	Physical Hazard 0	Personal Protection A
Hazard Index: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE:			
A=Safety glasses			

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 IMPACT: 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

Chemical Name	ACGIH TLV	OSHA PEL	ACGIH STEL	ACGIH TWA
Hydrogen Peroxide	1 ppm	1 ppm	15 ppm	10 ppm

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.