

ENVIROSTAR GREEN ALL PURPOSE PEROXIDE CLEANER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: EnviroStar Green All Purpose Peroxide Cleaner
 Product Type: All purpose peroxide cleaner

Product Number: 335DTC

Manufacturer Address:

Amano Pioneer Eclipse Corporation
 P.O. Box 909
 1 Eclipse Road
 Sparta, NC 28675

Contact Information:

Telephone: 1-336-372-8080
 Email: msds@pioneer-eclipse.com
 Internet: www.pioneer-eclipse.com


FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.
 Within USA and Canada 1-800-424-9300. Outside USA and Canada +1 703 527 3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

OSHA status: Hazardous- Irritant
Precautions: Warning! Skin and Eye Irritant. Keep container closed when not in use.
 Keep out of reach of children.

Potential Health Effects:

Eye Contact: Irritating to eyes.
Skin Contact: Irritating to skin.
Inhalation: Spray mist can cause irritation to nose, throat and lungs.
Ingestion: May cause irritation to mouth, esophagus and stomach.

| | | |
|---|--|----------|
|  | | |
| Health: | | 2 |
| Flammability: | | 0 |
| Reactivity: | | 1 |

3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient | CAS Number | Weight % |
|----------------------|------------|----------|
| hydrogen peroxide | 7722-84-1 | 7 - 13 |

4: FIRST AID MEASURES

Eye Contact: In case of contact, flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact: In case of contact, wash with soap and plenty of water. If irritation persists, seek medical attention
Inhalation: If inhaled, remove to fresh air. If symptoms persist, seek medical attention.
Ingestion: If ingested, Do NOT induce vomiting! Seek medical advice.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide
Special Fire Fighting Procedures: None
Hazardous Combustible Products: None
Unusual Fire and Explosion Hazards: Materials can splatter above 100°C/212°F

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.
Environmental Precautions: Keep spills and cleaning run-off out of sewers and open bodies of water.
Containment and Clean-Up
Small Spills: Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
Large Spills: Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.
Waste Disposal: Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

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7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Wash thoroughly after handling. Use only in well-ventilated
Storage: Storage temperature (Max. 60°C/140°F - Min. 1°C/34°F)
Other information: Keep from freezing. Keep container closed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

| Ingredient | CAS Number | ACGIH | | OSHA | |
|-------------------|------------|-------|------|-------|------|
| | | TWA | STEL | TWA | STEL |
| hydrogen peroxide | 7722-84-1 | 1 ppm | N/L | 1 ppm | N/L |

Engineering Controls: Ensure adequate general ventilation.
Personal Protective Equipment (PPE)
Eye/Face Protection: Safety glasses recommended.
Skin Protection: Rubber gloves recommended.
Respiratory Protection: None required when permissible airborne concentrations are not exceeded. In an emergency, use approved positive pressure self-contained breathing device.

9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Appearance: clear, colorless liquid | Odor: no fragrance added |
| Odor Threshold: N/E | pH: 8.5 |
| Freezing Point: 32°F / 0°C | Boiling Point: 212 °F / 100 °C |
| Flash Point: >200 °F (>93 °C) | Evaporation Rate: less than water |
| Flammability: N/E | Upper/Lower Flammability limits: N/E |
| Vapor Pressure: less than water | Vapor Density: greater than air |
| Relative Density: 8.7 lb/gal @68°F / 1.04 kg/l @20°C | Solubility: 100% soluble in water |
| Partition Coefficient (n-octanol/water): N/E | Auto Ignition temperature: N/E |
| Decomposition Temperature: N/E | Volatile by Weight: 86% |
| Viscosity: < 10 centipoise @ 68°F (20°C) | VOC: 0.39% |

10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Hazardous reactions: None expected
Conditions to avoid: None known
Incompatible materials: Strong acids and bases
Hazardous decomposition products: None known

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.

| Ingredient | LD50 Oral-Rat (mg/kg) | LD50 Dermal - Rat (mg/kg) | LC50Inhalation-Rat (mg/l) | Carcinogenicity | CA - Prop 65 |
|-------------------|-----------------------|---------------------------|---------------------------|-----------------|--------------|
| hydrogen peroxide | 801 | 4060 | 2 (4hr) | IARC-3 | N/L |

LOCAL EFFECTS

Skin contact: May cause skin irritation
Eye contact: May cause eye irritation
Sensitization: None expected
Chronic effects: None expected

SPECIFIC EFFECTS

Carcinogenicity: None known
Reproductive effects: None known
Teratogenicity: None known
Mutagenicity: None known

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12: ECOLOGICAL INFORMATION

Ecological data not available.

13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional, and national regulations.

14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. Regulations/Reporting:

| Ingredient | CAS Number | SARA 302/304 | SARA 311/312 | SARA 313 | CERCLA |
|-------------------|------------|--------------|--------------|----------|--------|
| hydrogen peroxide | 7722-84-1 | N/L * | N/L | N/L | N/L |

State Right to Know Status:

| Ingredient | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|-------------------|------------|----------|----------|----------|----------|
| hydrogen peroxide | 7722-84-1 | N/L * | N/L * | N/L * | N/L * |

Canada Regulations/Reporting

WHMIS Hazard Symbol:



WHMIS hazard class: D2B

Ingredients required for disclosure:

| Ingredient | CAS Number | Weight % | Classification |
|-------------------|------------|----------|----------------|
| hydrogen peroxide | 7722-84-1 | >1% | O, D2B |

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

16: OTHER INFORMATION

Product intended for commercial and industrial use only.

Abbreviations Used:

N/E - Not Established

N/A - Not applicable

N/L - Not Listed

IARC - Unclassifiable as to carcinogenicity in humans

N/L * - Not listed at component concentration (listed @ concentrations >52%)

Revision History:

09/19/2011- MSDS issue

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This MSDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****