



# SAFETY DATA SHEET 627: READY TO USE

Conforms to 1910.1200  
Issued: Sept. 9, 2020  
Supersedes: Aug. 20, 2020

## PEROXI-DS™ DISINFECTANT & SANITIZER

### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Peroxi-DS Disinfectant & Sanitizer **Product Number:** 627  
**Recommended Use:** Disinfectant, Cleaner, Mildewstat, Virucide, Deodorizer  
 Ready to Use.  
 Product intended for commercial and industrial use only.  
**EPA Registration No:** 6836-385-41567 **EPA Est No:** 41567-NC-01  
**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**  
 Amano Pioneer Eclipse Corporation  
 P.O. Box 909  
 1 Eclipse Road  
 Sparta, NC 28675  
 Telephone: 1-336-372-8080  
 Email: sds@pioneereclipse.com  
 Internet: www.pioneereclipse.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

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** See Section 15 for EPA label information.

### 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
Methanesulphonic acid	75-75-2	1 - 2.5
Hydrogen peroxide	7722-84-1	1 - 2.5
Orthophosphoric acid	7664-38-2	0.5 - 1

\* Exact concentration of the ingredients has been withheld as a trade secret.

### 4: FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

#### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

### 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** Dry Chemical, water spray, alcohol resistant foam  
**Unsuitable Extinguishing media:** High volume water jet  
**Specific Hazards:** Heating or fire can release toxic gas.



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**Protective Equipment and Precautions:** In event of fire, wear self-contained breathing apparatus. Use personal protective. Use water to cool unopened containers.

### 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.

**Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

### CONTAINMENT AND CLEAN-UP

Neutralize with chalk, alkali solution or ammonia.

**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.

### 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas. Take precautionary measures against static discharges.

**Conditions for Safe Storage:** Keep container tightly closed. Keep in a well-ventilated place. Electrical installations/working materials must comply with technological safety standards. To maintain product quality, do not store in heat or direct sunlight.

**Other Information:** Keep out of reach of children. Keep from freezing.

### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
Hydrogen peroxide	7722-84-1	1 ppm	-	1 ppm	-
Orthophosphoric acid	7664-38-2	1 mg/ml <sup>3</sup>	3 mg/ml <sup>3</sup>	1 mg/ml <sup>3</sup>	-

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

#### Personal Protective Equipment (PPE)

**Eye/Face Protection:** Personal protective equipment not required under normal use conditions.

**Skin Protection:** Personal protective equipment not required under normal use conditions.

**Respiratory Protection:** should be adequate. Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.

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

### 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** clear liquid  
**Odor:** fresh fragrance  
**Odor Threshold:** data not available  
**pH:** 1.1  
**Freezing Point:** data not available  
**Boiling Point:** data not available  
**Flash Point:** >212 °F / >100 °C



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<b>Evaporation Rate:</b>	less than water
<b>Flammability (solid/gas):</b>	not applicable to liquids
<b>Upper/Lower Flammability limits:</b>	data not available
<b>Vapor Pressure:</b>	data not available
<b>Vapor Density:</b>	data not available
<b>Relative Density:</b>	data not available
<b>Solubility:</b>	miscible in water
<b>Partition Coefficient:</b>	data not available
<b>Auto Ignition temperature:</b>	data not available
<b>Decomposition Temperature:</b>	data not available
<b>Viscosity:</b>	< 10 centipoise @ 68 °F (20 °C)

#### 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive under normal conditions
<b>Stability:</b>	Stable under normal conditions
<b>Hazardous reactions:</b>	None known
<b>Conditions to avoid:</b>	Heat
<b>Incompatible materials:</b>	Strong acids and strong bases. Oxidizing agents. Do not mix with other chemicals unless stated on the product label.
<b>Hazardous decomposition products:</b>	None known

#### 11: TOXICOLOGICAL INFORMATION

##### Acute Toxicity:

ATE <sub>mix</sub> (oral)	- > 5000 mg/kg
ATE <sub>mix</sub> (dermal)	- > 5000 mg/kg
ATE <sub>mix</sub> (inhalation)	- > 40 mg/l (4 hr/vapour)

##### LOCAL EFFECTS

<b>Skin contact:</b>	May cause mild irritation.
<b>Eye contact:</b>	None expected
<b>Sensitization:</b>	None expected
<b>Chronic effects:</b>	None expected

##### SPECIFIC EFFECTS

<b>Carcinogenicity:</b>	None known
<b>Reproductive effects:</b>	None known
<b>Teratogenicity:</b>	None known
<b>Mutagenicity:</b>	None known

**Carcinogenicity:** Components, present at levels greater than or equal to 0.1%, are not known to be classified as carcinogens. (IARC, OSHA, NTP)

#### 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Ecological testing has not been completed on the mixture.
<b>Persistence and Degradability:</b>	Data not available.
<b>Bioaccumulative Potential:</b>	Data not available.
<b>Mobility in Soil:</b>	Data not available.
<b>Other Adverse Effects:</b>	Data not available.

#### 13: DISPOSAL CONSIDERATIONS

**Do not contaminate water, food or feed by storage or disposal.**

<b>Pesticide Disposal:</b>	Disposal of this material should be in accordance with local, regional and national regulations. Open dumping is prohibited.
<b>Container Disposal:</b>	Non-refillable container. Do not reuse or refill this container. Triple rinse. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

#### 14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.



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### 15: REGULATORY INFORMATION

**EPA Registration No:** 6836-385-41567      **EPA Est No:** 41567-NC-01

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide product chemicals.

KEEP OUT OF REACH OF CHILDREN.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
Orthophosphoric acid	7664-38-2	1000 lb RQ	-	5000 lb RQ

#### STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
Methanesulphonic acid	75-75-2	-	present	-	-
Hydrogen peroxide	7722-84-1	-	present	present	-
Orthophosphoric acid	7664-38-2	-	present	-	present

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.

### 16: OTHER INFORMATION

#### Abbreviations Used:

N/A - Not applicable  
N/E - Not Established  
N/L - Not Listed

#### Revision Information:

Sept. 9, 2020 - Revisions § 8

Health:	1
Flammability:	0
Reactivity:	0

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

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\*\***