



## SAFETY DATA SHEET 613: CONCENTRATE

Conforms to 1910.1200

Issued: Jan. 20, 2022

Supersedes: May 29, 2016

**NEUTRAQUAT 256™**

### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** NeutraQuat 256 **Product Number:** 613

**Recommended Use:** Germicidal Detergent and Deodorant  
Concentrate - dilute prior to use.  
Product intended for commercial and industrial use only.

**Uses Advised Against:** Other than per labelled instructions

**EPA Registration Number:** 10324-141-41567

**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:** Skin Corrosion - Category 1C  
Eye Damage - Category 1  
Acute Toxicity - Category 4 (Oral)

**Signal Word:** DANGER

**Pictogram:**



**Hazard Statements:**

Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Causes serious eye damage.

**Precautionary Statements:**

Do not breathe mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves and eye protection.  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.  
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 or doctor if you feel unwell.  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container according to local, regional and national regulations.

**Other Hazards:** No other hazards are known to the supplier

**Supplemental Information:** None known



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### 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
didecyl dimethyl ammonium chloride	7173-51-5	7 - 13
n-alkyl dimethyl benzyl ammonium chloride	68424-85-1	5 - 10
tetrasodium ethylenediamine tetraacetate	64-02-8	1 - 5
octyldimethylamine	2605-78-9	1 - 3
ethanol	64-17-5	1 - 3

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

### 4: FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

**Inhalation:** If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.

**Ingestion:** Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

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

**Eye Contact:** Can cause serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Skin Contact:** Can cause severe skin burns. Symptoms may include burns, blisters, redness and pain (which may be delayed.)

**Inhalation:** May cause irritation or burns to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

May aggravate existing chronic respiratory conditions such as asthma, emphysema or bronchitis.

**Ingestion:** May cause burns/serious damage to mouth, throat and stomach. Symptoms may include vomiting, nausea, and/or feeling of general unwellness.

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

Treat symptomatically.

### 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** Use media suitable to the surrounding fire.

**Specific Hazards:** Container may rupture on heating.

Hazardous combustion Products: May include carbon oxides and nitrogen oxides.

**Protective Equipment and Precautions:**

As in any fire, wear self contained breathing apparatus and suitable protecting clothing. Materials can splatter above 100° C / 212° F. Corrosive liquid. (See Sections 8 and 10.) Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. Contain the extinguishing fluids by diking.

### 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

**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

#### Precautions for Safe Handling:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. Do not eat, drink or smoke when using this product.

#### Conditions for Safe Storage:

Keep from freezing. Keep container tightly closed when not in use.

#### Other Information:

Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Refer to Section 10 for incompatible materials.

### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
ethanol	64-17-5	N/L	1000 ppm	1000 ppm	N/L

#### 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:

Wear safety glasses or goggles.

##### Skin Protection:

Wear chemical resistant gloves.

##### Respiratory Protection:

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, red liquid
Odor:	cherry
Odor Threshold:	data not available
pH:	6 - 8
Freezing Point:	data not available
Boiling Point:	> 212 °F / > 100 °C
Flash Point:	does not flash
Evaporation Rate:	data not available
Flammability (solid/gas):	not applicable to liquids
Flammability limits:	data not available
Vapor Pressure:	data not available
Vapor Density:	data not available
Relative Density:	8.4 lb/gal @ 68°F / 1.01 kg/l @ 20°C
Solubility:	miscible in water
Partition Coefficient:	data not available
Auto Ignition temperature:	data not available
Decomposition Temperature:	data not available
Viscosity:	< 10 centipoise @ 68°F (20°C)
VOC:	<3% (as supplied)

### 10: STABILITY AND REACTIVITY

#### Reactivity:

Not reactive under normal conditions.

#### Stability:

Stable under normal conditions.

#### Hazardous reactions:

None known

#### Conditions to avoid:

Do not mix with other chemicals unless stated on the product label.

#### Incompatible materials:

Anionic surfactants

#### Hazardous decomposition products:

Oxides of carbon and nitrogen



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### 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Toxicity testing has not been completed on the mixture.

ATE<sub>mix</sub> (oral) - 1010 mg/kg Classified as Acute Toxicity- Category 4. Harmful if swallowed.

ATE<sub>mix</sub> (dermal) - >2000 mg/kg Based on available data, the classification criteria are not met.

ATE<sub>mix</sub> (inhalation) - >20 mg/l (4 hr/vapour) Based on available data, the classification criteria are not met.

### LOCAL EFFECTS

**Skin contact:** Causes severe skin burns.

**Eye contact:** Causes serious eye damage.

**Sensitization:** None expected

**Chronic effects:** None expected

### SPECIFIC EFFECTS

**Carcinogenicity:** None known

**Reproductive effects:** None known

**Teratogenicity:** None known

**Mutagenicity:** None known

### COMPONENT INFORMATION

Component	LD50 Oral- Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation- Rat (mg/l)
didecyl dimethyl ammonium chloride	658	>2000	data not available
n-alkyl dimethyl benzyl ammonium chloride	398	3,412	data not available
tetrasodium ethylenediamine tetraacetate	> 1700	data not available	data not available
octyldimethylamine	> 5000	data not available	data not available
ethanol	10470	15800	data not available

**Carcinogenicity:** Components are not known to be listed as carcinogens. (IARC, NTP, OSHA)

### 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is toxic to fish and aquatic invertebrates.

**Persistence and Degradability:** Data not available.

**Bioaccumulative Potential:** Data not available.

**Mobility in Soil:** Data not available.

**Other Adverse Effects:** Data not available.

### 13: DISPOSAL CONSIDERATIONS

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

#### Pesticide Disposal:

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

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.

#### Container Disposal:

Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

### 14: TRANSPORT INFORMATION

**UN Number:** UN1760

**UN Proper Shipping Name:** Corrosive liquid, n.o.s. (quaternary ammonium chloride)

**Hazard Class:** 8

**Packing Group:** III



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### Other Information:

Package volumes <5 L each are shipped as Limited Quantity; as permitted by hazard class and quantity exemption.

### **15: REGULATORY INFORMATION**

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.

Following is the hazard information as required on the pesticide label:

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS :**

**DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE.**

Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

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

Components not subject to U.S. Reporting (SARA 302/304, 313, CERCLA)

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

Components not subject to State RTK Listing (MA, NJ, PA, RI)

### **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:

Jan. 20, 2022 - Revisions § 2, 3, 4, 5, 7, 8, 9, 10, 11, 13 & 15

Health:	3
Flammability:	0
Reactivity:	0

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This SDS 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\*\***