



SAFETY DATA SHEET 625: IN-USE DILUTION

Conforms to 1910.1200
Issued: Aug. 24, 2020

MERIDICLEAN™ ALL PURPOSE CLEANER & DISINFECTANT (1:64)

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: MeridiClean All Purpose Cleaner and Disinfectant
Recommended Use: Disinfectant cleaner
User prepared dilution of concentrated product
Product intended for commercial and industrial use only.
Uses Advised Against: Other than per labelled instructions
EPA Registration Number: 6836-366-41567 (Concentrate)

NOTE: This SDS is intended only for product at stated dilution rate. For concentrate (as sold) hazards, please refer to appropriate product SDS.

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: Eye Irritation - Category 2B
Signal Word: WARNING
Pictogram: None
Hazard Statement: Causes eye irritation.

Precautionary Statements:

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Other Hazards: None

Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	< 0.1
Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) Dimethyl Benzyl Ammonium Chloride	68391-01-5	< 0.1
N-Coco-N,N,N-trimethylammonium Chloride	61789-18-2	< 0.1

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

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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.



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MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: May cause eye irritation.
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, foam, carbon dioxide
Specific Hazards: Materials can splatter above 212 °F / 100 °C
Protective Equipment and Precautions: No special fire fighting procedures recommended. Follow all general fire safety guidelines.

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.

7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.
Conditions for Safe Storage: Storage temperature (Max. 50°C/120°F - Min. 10°C/49°F)
Other Information: Do not contaminate water, food or feed by storage or disposal. Keep container sealed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: None listed for ingredients.
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: No personal protective equipment required with normal use.
Skin Protection: No personal protective equipment required with normal use.
Respiratory Protection: No personal protective equipment required with normal use. General room ventilation should be adequate.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear, green liquid
Odor: citrus
Odor Threshold: data not available
pH: 7
Freezing Point: data not available



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Boiling Point:	data not available
Flash Point:	>200°F / >93°C
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:	data not available
Solubility:	miscible in water
Partition Coefficient:	data not available
Auto Ignition temperature:	data not available
Decomposition Temperature:	data not available
Viscosity:	< 10centipoise @ 68°F (20°C)

10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Stability:	Stable under normal conditions.
Hazardous reactions:	None known under normal conditions.
Conditions to avoid:	None known under normal conditions.
Incompatible materials:	Do not mix with other chemicals unless stated on the product label.
Hazardous decomposition products:	carbon monoxide, carbon dioxide and nitrogen oxides

11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Toxicity testing has not been completed on the mixture.
ATE _{mix} (oral)	- > 2000 mg/kg
ATE _{mix} (dermal)	- > 2000 mg/kg
ATE _{mix} (inhalation)	- > 20 mg/l (4 hr/vapour)

LOCAL EFFECTS

Skin contact:	May cause mild irritation.
Eye contact:	May cause mild irritation.
Sensitization:	Not expected under normal use.
Chronic effects:	Not expected under normal use.

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)	LC ₅₀ Inhalation- Rat (mg/l)
Dioctyl Dimethyl Ammonium Chloride	not available	not available	not available
Alkyl (C12 67%, C14 25%, C16 7%, C18	1,140	>250	<0.59
N-Coco-N,N,N-trimethylammonium	not available	not available	not available

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

12: ECOLOGICAL INFORMATION

Ecotoxicity:	Data not available.
Persistence and Degradability:	Data not available.
Bioaccumulative Potential:	Data not available.
Mobility in Soil:	Data not available.
Other Adverse Effects:	Data not available.



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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. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Pesticide waste is acutely hazardous. Improper disposal of excess pesticides, 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 (or equivalent). Then offer for recycling or recondition or puncture and dispose of in a sanitary landfill or incineration or, if allowed by state and local authorities, burn. If burned, stay out of smoke.

14: TRANSPORT INFORMATION

User prepared dilution: Not intended for transport

15: REGULATORY INFORMATION

This mixture is a user prepared dilution of a pesticide product registered by the Environmental Protection Agency.

KEEP OUT OF REACH OF CHILDREN.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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 and aquatic invertebrates.

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
Edetic acid	60-00-4	N/L	N/L	5000

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
Edetic acid	60-00-4	Listed	Listed	Listed	N/L

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:

Aug. 24, 2020 - SDS issue

Health:	1
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****