

SAFETY DATA SHEET

Product Name: Ten or Mistolin Disinfectant Cleaner

Product no. 1565664

SECTION 1. PRODUCT IDENTIFICATION AND COMPANY

Other means of identification : EPA Registration number : 6836-152-92262
Recommended use : Cleaner and disinfectant
Restrictions on use : Household disinfectant

Company : Mistolin Caribe, Inc.
Calle A # 28
Urb Industrial Luchetti
Bayamon, P.R. 00959
787-785-6805

Emergency health Information : 1-800-222-1222

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Inhalation) : Category 4

GHS label elements

Product

HAZARD PICTOGRAMS:



Signal Word : Caution

Hazard Statements : Harmful if inhaled.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area.
Response:
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Ingestion: Immediate call POISON Center or doctor/ physician.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Concentration (%)
Didecyl Dimethyl Ammonium Chloride	7173-51-5	0.015
Octyl Decyl Dimethylammonium Chloride	32426-11-2	0.025
n-alkyl (C14 50%; C12 40%; C16 10%) dimethyl benzyl ammonium chloride	68424-85-1	0.034
Diocetyl Dimethyl Ammonium Chloride	5538-94.3	0.010

SECTION 4. FIRST AID MEASURES

Product

In case of eye contact	: Rinse with plenty of water.
In case of skin contact	: Rinse with plenty of water.
If swallowed	: Rinse mouth. Get medical attention if symptoms occur.
If inhaled	: Remove to fresh air. Treat symptomatically. Get medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: None known.
Specific hazards during fire fighting	: Not flammable or combustible.
Hazardous combustion products	: Special protective equipment for fire-fighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

: Do not allow contact with soil, surface or ground water.

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Methods and materials for containment and cleaning up

: Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain

SECTION 7. HANDLING AND STORAGE

material to ensure runoff does not reach a waterway.

Advice on safe handling : Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.
Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : No special protective equipment required.
Hand protection : No special protective equipment required.
Skin protection : No special protective equipment required.
Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : Clear, yellow
Odor : Citric Disinfectants
pH : 8.5
Flash point : >200, Does not sustain combustion.
Odor Threshold : No data available
Melting point/freezing point : No data available
Initial boiling point and boiling range : > 100 °C
Evaporation rate : No data available
Flammability (solid, gas) : No data available
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapor pressure : No data available
Relative vapor density : No data available
Relative density : 0.999 - 1.008
Water solubility : soluble
Solubility in other solvents : No data available
Partition coefficient: noctanol/

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water : No data available
Autoignition temperature : No data available
Thermal decomposition : No data available
Viscosity, kinematic : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Molecular weight : No data available
VOC : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
Conditions to avoid : None known.
Incompatible materials : None known.
Hazardous decomposition products : Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides (NOx)

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

: Inhalation, Eye contact, Skin contact

Eyes : Health injuries are not known or expected under normal use.
Skin : Health injuries are not known or expected under normal use.
Ingestion : Health injuries are not known or expected under normal use.
Inhalation : Harmful if inhaled.
Chronic Exposure : Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact : No symptoms known or expected.
Skin contact : No symptoms known or expected.
Ingestion : No symptoms known or expected.
Inhalation : No information available.

Toxicity

Acute oral toxicity : Acute toxicity estimate : 450 mg/kg
Acute inhalation toxicity : 4 h Acute toxicity estimate :127.4 mg/l
Acute dermal toxicity : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye Irritation : No data available
Respiratory or skin Sensitization : No data available
Carcinogenicity : No data available
Reproductive effects : No data available

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Germ cell mutagenicity : No data available
 Teratogenicity : No data available
 STOT-single exposure : No data available
 STOT-repeated exposure : No data available
 Aspiration toxicity : No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : Based on ecotoxicity and fact data for the individual ingredients in this specific formulation and for related cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long term adverse effects in the environment. This product has no known ecotoxicological effects.

Components

Chemical Name	Algae/aquatic plants	Fish	Crustacea
: Didecyl Dimethyl Ammonium Chloride		5: 96 h LC50 Fish: 1 mg/l	
Ethanol		96 h LC50 Pimephales promelas: > 100 mg/l	2.0 -16.0:96 h Onchorhynchus mykiss ml/L LC 50 static 100: 96 h Pimephales promelas mg/L LC50 Static 13400-15100:96 h Pimephales promelas mg/L LC50 Flow-through
Tetrasodium EDTA	1:01:72 h Desmodemus subsoucatus mg/L EC50	9.8 96 h Pimephales pomelas mg/L LC50 static 41:96 h Lepomis macrochirius mg/L LC 50	
Sodium Metasilicate		10: 96 h Brachidanio rerio mg/L LC50 Brachidanio rerio mg/L LC50 static	216: 96 h Daphnia magna mg/L EC50
Trisodium nitrilotriacetate	560- 1000:96 h Chlorrella vulgaris mg/L	72-133: 96 h Onchorhynchus mykiss mg/L LC50 Static 175-225: 96 h Lepomis macrochirius mg/L LC50 static 252:96 h Lepomis macrochirius mg/L LC50 470:96 h Pimephales promelas mg/L LC50 static 93-170:96 h Pimephales promelas mg/L LC50 flow-through 560-1000:96 h Poecilia reticulata mg/L LC50 semi static 560-1000:96 h Poecilia reticulata mg/L LC50 114: 96 h Pimephales promelas mg/L LC50 560-1000: 96 H latipes mg/L LC50 560-1000: 96 h Oryzias latipes mg/L LC50 semi- static Lepomis macrochirius mg/L	560-1000: 48 h Daphnia magna mg/L LC 50
sodium hydroxide		5.4: 96h Onchorhynchus mykiss mg/l LC50	

Persistence and degradability

Not applicable - Biocide

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

Product

Disposal methods : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Land transport (DOT) Not regulated

Sea transport (IMDG/IMO) Not regulated

Marine /Water Transport Not regulated

SECTION 15. REGULATORY INFORMATION

EPA Registration number : 6836-152-92262

HCS Classification : Not regulated

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SECTION 16. OTHER INFORMATION

Product AT USE DILUTION
NFPA:



HMIS III:



Revision date : 3-30-2020

Version : 1.1

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material 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