

Sani-Clean 2

SECTION 1. IDENTIFICATION

Product Identifier	Sani-Clean 2
Other Means of Identification	5141
Other Identification	UN1760
Recommended Use	Disinfectant - bactericidal - mildewstat - fungicide - virucidal.
Restrictions on Use	No information available.
Manufacturer/Supplier Identifier	Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144
Emergency Phone No.	Emergency Telephone Number, 1-866-303-6943
SDS No.	0002

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Dermal) - Category 4; Skin corrosion - Category 1B; Serious eye damage - Category 1

Label Elements



Signal Word:
Danger

Hazard Statement(s):

Harmful if swallowed or in contact with skin.
Causes skin irritation.
Causes serious eye irritation.

Precautionary Statement(s):

Prevention:
Wash hands and skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection/face protection.
Wear protective gloves/protective clothing.

General advice

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Date of Last Revision:	January 24, 2018

Immediately call a POISON CENTRE or doctor.

Eyes

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 or attention.

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Take off contaminated clothing and wash it before reuse.
Call a POISON CENTRE or doctor if you feel unwell.
If skin irritation occurs: Get medical advice/attention.

Ingestion

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
Rinse mouth.
Do NOT induce vomiting.

Storage:

Store locked up.
Store in a well-ventilated place. Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

Not applicable.

PRODUCT AT USE DILUTION

Classification Category of Use Dilution:
Acute toxicity (Oral) - Category 4.

Signal Word Warning

Hazard Statements

Harmful if swallowed

Precautionary Statement(s):

Prevention:

Wash hands and skin thoroughly after handling.

General Response:

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.
IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

Storage:

Store in accordance with local regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Didecyl dimethyl ammonium chloride	7173-51-5	5-12		
alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	5-10		
Alcohols, C14-15, ethoxylated	68951-67-7	3-5		
Ethanol	64-17-5	3-5		
Edetic Acid	60-00-4	2-5		

Notes

PRODUCT AT USE DILUTION

Ingredients are the same as above but diluted 250 to 1.

PRODUCT AT USE DILUTION

No hazardous ingredients at dilution level.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. First aider needs to protect himself. Call a physician immediately.

Skin Contact

Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Call a physician immediately.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek immediate medical attention/advice.

Ingestion

Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

PRODUCT AT USE DILUTION

EYE CONTACT:

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.

SKIN CONTACT:

Rinse with plenty of water.

INHALATION:

Get medical attention if symptoms occur.

INGESTION:

Rinse mouth. Get medical attention if symptoms occur.

Immediate Medical Attention and Special Treatment

Special Instructions

Treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray, Dry powder, Foam.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Heating or fire can release toxic gas.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. Use respirator when performing operations involving potential exposure to vapour of the product.

Environmental Precautions

Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant.

Methods and Materials for Containment and Cleaning Up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Other Information

PRODUCT AT USE DILUTION

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Solution can cause surfaces to become slippery

Environmental precautions:

Avoid release to the environment. Rinse or mop up use solutions. Solutions may be flushed down sanitary sewer drains.

Methods and materials for containment and cleaning up:

Prevent further leakage and leakage, mop or wipe up spilled solution. Rinse to drain.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product, or its use solutions.

Conditions for Safe Storage

To maintain product quality, do not store in heat or direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

PRODUCT AT USE DILUTION

Precautions for Safe Handling:

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Avoid contact with skin and eyes. 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

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ethanol	1000 ppm		1000 ppm			
Edetic Acid	20 ppm		50 ppm			

Appropriate Engineering Controls

Provide eyewash and safety shower if contact or splash hazard exists. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless.
Odour	Characteristic Quat
Odour Threshold	Not available
pH	7.2 - 8.2
Melting Point/Freezing Point	Not available (melting); Not applicable (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	Not available
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not applicable (kinematic); Not applicable (dynamic)

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Other Information

Physical State	Liquid
Use Dilution	Not applicable
VOC Content	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

None known.

Incompatible Materials

Strong oxidizing or reducing agent.

Hazardous Decomposition Products

Nitrogen oxides (NOx)
Amines
Hydrogen Chloride gas
Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact; inhalation; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Edetic Acid	2.21 mg/L (rat) (4-hour exposure)	470 mg/kg (rat)	400 mg/kg (rabbit)
Alcohols, C14-15, ethoxylated	Not available	1000 mg/kg (rat)	> 2000 mg/kg (rat)

LC50: No information was located.

Acute Oral toxicity (LD50): 1650 mg/kg Species: Rat

Acute Dermal toxicity (LD50): 1870mg/kg Species: Rabbit

Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/Irritation

Contact with eyes may cause irritation, redness, itching, and pain.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Ingestion

Harmful if swallowed. Causes burns/serious damage to mouth, throat and stomach. Symptoms may include vomiting, nausea, and/or feeling of general unwellness.

Aspiration Hazard

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No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

Respiratory and/or Skin Sensitization

No information available.

Carcinogenicity

IARC: Group 1 – Carcinogenic to humans. (Ethanol)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not mutagenic.

Interactive Effects

No information was located.

Other Information

PRODUCT AT USE DILUTION

Inhalation: May cause irritation of respiratory tract.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Alcohols, C14-15, ethoxylated	0.9 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; static)	0.25 mg/L (Daphnia magna (water flea); 48-hour)	Not available	0.95 mg/L (96-hour)

Persistence and Degradability

No information available.

Bioaccumulative Potential

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No information available.

Mobility in Soil

Studies are not available.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	UN1760	Corrosive Liquid, n.o.s. (alkyl dimethyl benzyl ammonium chloride (C12-16))	8	II

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Emergency Response Guide No. 154

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

SARA Title III - Section 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling 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 chemicals. The hazard information as required on the pesticide label is reproduced in Section 2, Hazard Identification, of this safety data sheet.

SARA Title III - Section 311/312:

Acute Health Hazard Yes
Chronic Health Hazard No

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Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

California Proposition 65
This product contain the following any Proposition 65 chemicals:

Chemical Name CAS #
Ethanol 64-17-5

U.S. EPA Label Information
EPA Registration Number : 47371-129-670.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CWA - Hazardous Substances :. (Edetic Acid)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.).

Hazardous Substances RQs:

Edetic Acid 5000 lb final RQ/ RQ 2270 kg final RQ

U.S. State Right-to-Know Regulations

New Jersey Right To Know:. (Edetic Acid)
Massachusetts Right To Know:. (Edetic Acid)
Pennsylvania Right To Know:. (Edetic Acid)

New Jersey Right To Know:. (Ethanol)
Massachusetts Right To Know:. (Ethanol)
Pennsylvania Right To Know:. (Ethanol)
Rhode Island:. (Ethanol)

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 3	Flammability - 0	Instability - 0
SDS Prepared By	SunBurst Chemicals		
Phone No.	952-884-3144		
Date of Preparation	July 09, 2019		
Date of Last Revision	January 24, 2018		
Revision Indicators	Update Section 15.		

Additional Information

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NFPA Rating Health – 1 Flammability - 0 Instability – 0

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