



# SAFETY DATA SHEET

Issuing Date 24-Apr-2015

Revision Date 29-Jun-2016

Revision Number 7

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Quick San 10

### Other means of identification

**Product Code(s)** 5875

**UN Number** UN1903

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Sanitizer, Disinfectant

**Uses advised against** No information available

### Supplier's details

#### **Supplier Address**

Sunburst Chemicals, Inc.  
220 W. 86th St.  
Bloomington, MN 55420  
TEL: 952-884-3144

**Emergency Telephone Number** 1-866-303-6943

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### **PRODUCT AS SOLD**

Acute Toxicity Oral and Skin	Category 4
Skin Corrosion/Irritation	Category 1B
Serious Eye Damage/Eye Irritation	Category 1

### **PRODUCT AT USE DILUTION**

Acute Toxicity Oral	Category 4
---------------------	------------

### GHS Label elements, including precautionary statements

#### Emergency Overview

### **PRODUCT AS SOLD**

**Signal Word** Danger

**Hazard Statements**

- Harmful if in contact with skin or if swallowed.
- Causes severe skin burns and eye damage



**Appearance** Clear, Colorless      **Physical State** Liquid      **Odor** Characteristic, Quat

**Precautionary Statements**

**Prevention**

- Wear protective gloves / protective clothing / eye protection / face protection
- Wash face, hands, and any exposed skin thoroughly after handling
- Do not breathe mist, vapors, or spray.
- Do not get in eyes, on skin, or on clothing.

**General Advice**

- Immediately call POISON CENTER or doctor/physician in all cases

**Eyes**

- 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/physician.

**Skin**

- IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse
- Rinse skin with water/shower

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- Do NOT induce vomiting.

**Storage**

- Store locked up

**Disposal**

- Dispose of contents/container to an approved waste disposal plant

**GHS Label elements, including precautionary statements**

<b>PRODUCT AT USE DILUTION</b>		
<b>Signal Word</b> <b>Hazard Statements</b> • Harmful if swallowed	<b>Warning</b>	<b>Emergency Overview</b>
<b>Appearance</b> Colorless	<b>Physical State</b> Liquid	<b>Odor</b> None

**Precautionary Statements**

**Prevention**

- Wear protective gloves / protective clothing / eye protection / face protection
- Wash face, hands and exposed skin thoroughly after handling.

**General Advice**

- IF exposed or concerned: Get medical attention/advice

**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 / attention.

**Skin**

- IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
- Wash contaminated clothing before reuse
- If skin irritation occurs: Get medical advice / attention

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor / physician if you feel unwell.

**Fire**

- In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage**

- Store locked up. Keep out of reach of children.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Hazard Not Otherwise Classified (HNOC)**

**Other information**  
 No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**PRODUCT AS SOLD**

Chemical Name	CAS-No	Weight %	Trade secret
Allkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	3.5 – 5.5	*
Octyl decyl dimethyl ammonium chloride	32426-11-2	2.0 – 4.0	*
Diocetyl dimethyl ammonium chloride	5538-94-3	1.0 – 2.5	*
Didecyl dimethyl ammonium chloride	7173-51-5	1.0 – 2.5	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**PRODUCT AT USE DILUTION**  
 Ingredients are the same as above but at less than 0.5%

**4. FIRST AID MEASURES**

**PRODUCT AS SOLD**

**Description of necessary first-aid measures**

**General Advice** Immediate medical attention is required

**Eye Contact** Rinse immediately with plenty of water, and remove contact lenses, if present after 5 minutes. Also rinse under the eyelids for at least 15 minutes. Call a doctor or poison control center for treatment advice.

<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Take off and wash contaminated clothing before reuse. Call a doctor or poison control center for treatment advice.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<b>Ingestion</b>	Call a Poison Control Center or Doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or a Doctor. Do not give anything by mouth to unconscious person.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Redness, Irritation, burning sensation

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically If ingested do not induce vomiting  
Probable mucosal damage may contraindication use of gastric lavage.

<b>PRODUCT AT USE DILUTION</b>	
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Using a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Inhalation</b>	Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** None

**Specific Hazards Arising from the Chemical**

No information available

**Explosion Data**

**Sensitivity to Mechanical Impact** None

**Sensitivity to Static Discharge** None

**Protective Equipment and Precautions for Firefighters**

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

**6. ACCIDENTAL RELEASE MEASURES**

**PRODUCT AS SOLD**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Use personal protective equipment. High risk of slipping due to leakage / spillage of product.

**Environmental Precautions**

**Environmental Precautions** Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Absorb spilled material with an absorbent material such as clay, sawdust, or sand. Flush area with flooding quantities of water.

<b>Personal Precautions, protective equipment and emergency precautions</b>	<b>PRODUCT AT USE DILUTION</b> Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personal only. Refer to protective measure listed in section 7 and 8.
<b>Environmental Precautions</b>	Do not allow contact with soil, surface or ground water
<b>Methods and materials for containment and cleaning up</b>	Stop leak if safe to do so. 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). Flush away traces with water. For large spills, dike spilled material or otherwise material to ensure runoff does not reach a waterway.

**7. HANDLING AND STORAGE**

**PRODUCT AS SOLD**

**Precautions for safe handling**  
**Handling**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Harmful if absorbed through the skin.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

**Incompatible Products** None known based on information supplied.

Advice on safe handling	<b>PRODUCT AT USE DILUTION</b> Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe mist. Wash hands thoroughly after handling.
Conditions for safe storage	Keep out of reach of children. Store in suitable labeled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**  
**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**  
**Engineering Measures**

Eyewash Stations

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Tightly fitting safety gloves with side-shields.
<b>Skin and Body Protection</b>	Rubber gloves. Rubber apron.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
<b>Hygiene Measures</b>	Wash thoroughly after handling.

<b>PRODUCT AT USE DILUTION</b>	
<b>Engineering Measures</b>	Eyewash stations
<b>Protection Measures</b>	Personal protective equipment
<b>Eye Protection</b>	Wear tight fitting safety goggles.
<b>Hand Protection</b>	Wear protective gloves
<b>Skin Protection</b>	Suitable protective gloves and apron
<b>Respiratory Protection</b>	When workers are facing concentrations above the exposure limit they much use appropriate certified respirators.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PRODUCT AS SOLD**

Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Clear, Colorless
<b>Odor</b>	Characteristic, Quat		

<u>Property</u>	<u>Values for Product as Sold</u>	<u>Values for Product at Use Dilution</u>
<b>pH , Use Solution</b>	5.0 – 8.0	5.0 - 8.0
<b>Melting Point/Range</b>	No data available	
<b>Boiling Point/Boiling Range</b>	212° F	
<b>Flash Point</b>	No data available	
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	No data available	
<b>Vapor Density</b>	No data available	
<b>Relative Density</b>	No data available	
<b>Specific Gravity</b>	0.99	
<b>Water Solubility</b>	Soluble	
<b>Solubility in other solvents</b>		
<b>Partition coefficient: n-octanol/water</b>	No data available	
<b>Autoignition Temperature</b>	No data available	
<b>Decomposition Temperature</b>	No data available	
<b>Viscosity</b>	No data available	
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	Not explosive	
<b>Oxidizing Properties</b>	Not an oxidizer	
<b>Other information</b>		
<b>VOC Content (%)</b>	0%	

**10. STABILITY AND REACTIVITY**

**Reactivity**  
No data available.

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

None

**Incompatible materials**

Strong oxidizing or reducing agent.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**PRODUCT AS SOLD**

**Information on likely routes of exposure**

**Product Information:**

<b>Eye Contact</b>	Contact with eyes may cause irritation, redness, itching, and pain.
<b>Skin Contact</b>	Irritation to skin
<b>Ingestion</b>	Gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Inhalation</b>	May cause irritation of respiratory tract or coughing.

<b>PRODUCT AT USE DILUTION</b>	
<b>Eye Contact</b>	Irritation, redness
<b>Skin Contact</b>	Irritation, redness
<b>Ingestion</b>	Nausea, burning sensation in mouth or throat

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Quaternary Ammonium Chloride	= 344-366 mg/kg ( Rat )	= 1500-3340 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Redness, pain, burning sensation

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Sensitization</b>	Not classified as sensitizing by skin.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Not carcinogenic
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity • - Product**

<b>LD50 Oral</b>	>5000mg/kg, Acute toxicity estimate.
<b>LD50 Dermal</b>	>2000mg/kg
<b>Inhalation</b>	No information available
<b>Vapor</b>	No information available

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life

<b>Persistence and Degradability</b>	Biodegradable
<b>Bioaccumulation</b>	No information available.

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**PRODUCT AS SOLD**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Dispose of in accordance with federal, state, and local regulations.

**PRODUCT AT USE DILUTION**

<b>Waste Disposal Methods</b>	Dispose of in accordance of the federal, state, local regulations.
<b>Contaminated Packing</b>	Dispose of in accordance of the federal, state, local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

<b>UN Number</b>	UN1903
<b>Proper Shipping Name</b>	Disinfectants, Liquid, Corrosive n.o.s. (Quaternary Ammonium Compounds)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Description</b>	UN1903, Disinfectants, Liquid, Corrosive n.o.s. (Quaternary Ammonium Compounds), 8,II
<b>Emergency Response Guide Number</b>	154

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced in Section 2, Hazards Identification on this safety data sheet. The pesticide label also includes other important information, including directions for use.

**PRODUCT AS SOLD**

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**PRODUCT AT USE DILUTION**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product contains no substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).



**CERCLA**

This material, as supplied, contains no substances regulated as a hazardous substance 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.

**U.S. State Regulations**

**California Proposition 65**

This product contains no Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

None

**U.S. EPA Label Information**

**U.S. EPA Registration Number**

**10324-117-670**

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 3	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 3	Flammability 0	Physical Hazard 0	Personal Protection B

**Prepared By** Sunburst Chemicals  
 220 West 86<sup>th</sup> St.  
 Bloomington, MN 55420  
 952-884-3144

**Issuing Date** 24-Apr-2015  
**Revision Date** 29-Jun-2016  
**Revision Note** Update

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**