



SAFETY DATA SHEET

Issuing Date 21-May-2015

Revision Date 29-Jun-2016

Revision Number 4

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

GHS product identifier

Product Name Sunburst No Bac

Other means of identification

Product Code(s) 5200

UN Number 1903

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Cleaner, Disinfectant, Sanitizer

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

Serious Eye Damage/Eye Irritation	Category 2B
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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 on skin, in eyes, 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
- Keep only in original container, tightly closed.

Disposal

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

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

No information available

PRODUCT AT USE DILUTION**Signal Word****Warning****Hazard Statements**

- Harmful if swallowed
- Causes eye irritation

Emergency Overview**Appearance** Clear, Colorless**Physical State** Liquid**Odor** 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

3. COMPOSITION/INFORMATION ON INGREDIENTS**PRODUCT AS SOLD**

Chemical Name	CAS-No	Weight %	Trade secret
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	4-6%	*
Alkylbenzyltrimethylammonium chloride	68391-01-5	4-6%	*

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

PRODUCT AT USE DILUTION

Chemical Name	CAS-No	Weight %	Trade secret
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	0.05-0.12	*
Alkylbenzyltrimethylammonium chloride	68391-01-5	0.05-0.12	*

4. FIRST AID MEASURES**PRODUCT AS SOLD****Description of necessary first-aid measures****General Advice**

Immediate medical attention is required

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin Contact

Wash skin and soap water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation persists.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects Irritation, burning sensation

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

Notes to Physician Probable mucosal damage may contraindicate use of gastric lavage.

PRODUCT AT USE DILUTION	
Eye Contact	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.
Skin Contact	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.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Inhalation	Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Water. Keep containers and surroundings cool with water spray.

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.

Personal Precautions, protective equipment and emergency precautions**PRODUCT AT USE DILUTION**

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.

Environmental Precautions

Do not allow contact with soil, surface or ground water

Methods and materials for containment and cleaning up

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.

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**PRODUCT AT USE DILUTION****Advice on safe handling**

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**Eye/Face Protection**

Tightly fitting safety goggles.

Skin and Body Protection

Rubber gloves. Rubber apron.

Respiratory Protection

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

Hygiene Measures

Wash thoroughly after handling.

PRODUCT AT USE DILUTION**Engineering Measures**

Eyewash stations

Protection Measures

Personal protective equipment

Eye Protection	Wear tight fitting safety goggles.
Hand Protection	Wear protective gloves
Skin Protection	Suitable protective gloves and apron
Respiratory Protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT AS SOLD

Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Clear
Odor	Characteristic, Quat		

<u>Property</u>	<u>Values for Product as Sold</u>	<u>Values for Product at Use Dilution</u>
pH , Use Solution	9.5 – 12.5	7.0 – 9.0
Melting Point/Range	No data available	
Boiling Point/Boiling Range	212° F	
Flash Point	No data available	
Evaporation rate	No data available	Physical State – Liquid
Flammability (solid, gas)	No data available	Odor – None
Flammability Limits in Air		Appearance - Colorless
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Relative Density	No data available	
Specific Gravity	1.05g/cc	
Water Solubility	Soluble	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition Temperature	No data available	
Decomposition Temperature	No data available	
Viscosity	No data available	
Flammable Properties	Not flammable	
Explosive Properties	Not explosive	
Oxidizing Properties	Not an oxidizer	
<u>Other information</u>		
VOC Content (%)	<1%	

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

None

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

PRODUCT AS SOLD

Information on likely routes of exposure

Product Information

Eye Contact	Contact with eyes may cause serious eye damage.
Skin Contact	Corrosive to skin
Ingestion	Gastrointestinal irritation, nausea, vomiting and diarrhea.

PRODUCT AT USE DILUTION

Eye Contact	Irritation, redness
Skin Contact	Irritation, redness
Ingestion	Nausea, burning sensation in mouth or throat.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness, pain, burning sensation
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Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	Not classified as sensitizing be skin.
Mutagenic Effects	No information available.
Carcinogenicity	Not carcinogenic
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	No information available.

Numerical measures of toxicity • - Product

LD50 Oral	3790mg/kg
LD50 Dermal	>2000mg/kg
Inhalation	No information available
Vapor	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life

Persistence and Degradability	No information available.
Bioaccumulation	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

Dispose of in accordance of the federal, state, local regulations.

14. TRANSPORT INFORMATION

DOT

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

15. REGULATORY INFORMATION**International Inventories**

TSCA	Complies
DSL/NDSL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

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**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

PRODUCT AT USE DILUTION

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	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).

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

EPA Pesticide Registration Number	10324-58-670
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16. OTHER INFORMATION

NFPA	Health Hazard 3	Flammability 0	Instability 0	Physical and Chemical Hazards
HMIS	Health Hazard 3	Flammability 0	Physical Hazard 0	Personal Protection B

Prepared By	Sunburst Chemicals 220 West 86 th St. Bloomington, MN 55420 952-884-3144
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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