

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory-Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
BIO CLEAN

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I NA = Not Applicable NIA = No Information Available

Manufacturer's Name Sunburst Chemicals, Inc.	Emergency Telephone Number 1-866-303-6943 (7 days/24 hours)
Address (Number, Street, City, State, and ZIP Code) 220 W. 86th St.	Telephone Number For Information (952) 884-3144
Bloomington, MN 55420	Date Prepared 05-26-11
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL % (optional)	ACGIH TLV	Other Limits Recommended
N. Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl	NIA	NIA	
Benzyl Ammonium Chloride CAS #68391-01-5			
N. Alkyl (68% C ₁₂ , 32% C ₁₄) dimethylethylbenzyl	NIA	NIA	
Ammonium Chloride CAS #68956-79-6			

PA: Identification of specific ingredients is being withheld as a trade secret.

NJ-TSRN 5000-5022

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O= 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	Approx 240 °F.
Vapor Density (AIR= 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility In Water Complete.			
Appearance and Odor Yellow solid, lemon fragrance.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None.	Flammable Limits	LEL NA	UEL NA
Extinguishing Media Water, CO ₂ , Dry chemical.			
Special Fire Fighting Procedures None.			
Unusual Fire and Explosion Hazards None.			

HMIS		NFPA			
2	HEALTH	HEALTH HAZARD	FIRE HAZARD	SPECIFIC HAZARD	REACTIVITY
0	FLAMMABILITY	4 Deadly	4 Below 73° F (Boiling pt. below 100° F)	Oxidizer OX	4 May detonate
0	REACTIVITY	3 Extreme danger	3 Below 73° F (Boiling pt. at/above 100° F)	Acid ACID	3 Shock and heat may detonate
B	PERSONAL PROTECTION	X 2 Hazardous	and/or at/above 73° F - not exceeding 100° F	Alkali ALK	2 Violent chemical change
		1 Slightly hazardous	2 Above 100° F, Not Exceeding 200° F	X Corrosive COR	1 Unstable if heated
		0 Normal material	1 Above 200° F	Use NO WATER	X 0 Stable
			X 0 Will not burn	Radioactive	

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)
None.

Hazardous Decomposition or Byproducts
None.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Routes(s) of Entry:	Inhalation?	Skin?	Ingestion?
	NO	NO	NO

Health Hazards (*Acute and Chronic*)
ACUTE - corrosive to eyes and irritating to skin, distress to digestive tract, diarrhea. CHRONIC - NIA.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NIA	NIA	NIA

Signs and Symptoms of Exposure
EXTERNAL - redness of skin or eyes, burning sensation. INTERNAL - foul taste, burning sensation in mouth and throat.

Medical Conditions Generally Aggravated by Exposure

Open sores or wounds.

Emergency and First Aid Procedures

EXTERNAL - Thoroughly rinse with water for at least 15 minutes. Get medical attention if irritation persists. INTERNAL - Do not induce vomiting. Drink a large quantity of milk or water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Rinse spill area with water to prevent slippery conditions.

Waste Disposal Method

Dispose of in manner approved by all Federal, State, and Local regulations.

Precautions to Be Taking in Handling and Storing

Normal good housekeeping practices.

Other Precautions

Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

Not required.

Ventilation	Local Exhaust NA	Special NIA
	Mechanical (<i>General</i>) NIA	Other NIA

Protective Gloves Rubber or vinyl recommended.	Eye Protection Safety glasses, goggles recommended.
---	--

Other Protective Clothing or Equipment

Not required.

Work/Hygienic Practices

Always wash hands after handling.