

# 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)  
BOIL OUT ADDITIVE

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. 86 <sup>th</sup> St.  Bloomington, MN 55420	Telephone Number For Information (952) 884-3144
	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	ACGIH TLV	Other Limits Recommended	%(optional)
Gluconic Acid	NIA	NIA		

## Section III – Physical/Chemical Characteristics

Boiling Point Over 212°F.	Specific Gravity (H <sub>2</sub> O= 1) 1.15
Vapor Pressure (mm Hg.) NA	Melting Point NIA
Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Solubility In Water Complete.	
Appearance and Odor Brown liquid, Slight odor.	

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None.	Flammable Limits	LEL NA	UEL NA
Extinguishing Media Water, CO <sub>2</sub> , Dry chemical.			
Special Fire Fighting Procedures Spray containers with water to keep cool.			
Unusual Fire and Explosion Hazards Extreme heat may rupture containers, spilling corrosive contents.			

HMIS		NFPA					
HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION	HEALTH HAZARD	FIRE HAZARD Flash Points	SPECIFIC HAZARD	REACTIVITY
2	0	0	B	4	4	Oxidizer OX	4
				3	3	Acid ACID	3
				2	2	Alkali ALK	2
				1	2	Corrosive COR	1
				0	1	Use NO WATER	0
					0	Radioactive	
					X		

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)

Chlorine bleach.

## Hazardous Decomposition or Byproducts

Chlorine gas.

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*)

SKIN - skin irritation, burning sensation in eyes and redness, gastrointestinal disorder if ingested. CHRONIC - NIA.

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

## Signs and Symptoms of Exposure

Redness of skin, burning in eyes, sour taste.

## 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 - drink two large glasses milk or water and go to doctor or emergency room.

**Section VII - Precautions for Safe Handling and Use**

## Steps to Be Taken in Case Material is Released or Spilled

Absorb spilled material with an absorbent material such as clay, sawdust, or sand. Sweep up as much of this as possible and place in a sealed, labeled container or in a proper landfill. Thoroughly rinse the affected area with water.

## Waste Disposal Method

Spilled material should be collected as above for disposal in a landfill according to Federal, State, and Local regulations. Any rinsing of the affected area should also be in accordance with Federal, State and Local regulations.

## Precautions to Be Taking in Handling and Storing

Keep tightly closed when not in use.

## Other Precautions

Avoid contact with skin or eyes.

**Section VIII - Control Measures**Respiratory Protection (*Specify Type*)

Not required.

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

## Protective Gloves

Rubber for handling product.

## Eye Protection

Safety glasses recommended when handling product use solutions.

## Other Protective Clothing or Equipment

Not required.

## Work/Hygienic Practices

Always wash hands after handling.