

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)

ATTACK

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.

NA = Not Applicable NIA = No Information Available

Section I

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

01-30-03

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)
Sodium Hydroxide	2mg/m ³	2mg/m ³	ceiling	
Ethylene Glycol Monobutyl Ether	50 ppm	50 ppm		
	Skin	Skin		

Section III - Physical/Chemical Characteristics

Boiling Point	Over 212° F.	Specific Gravity (H ₂ O=1)	1.02
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

Pink, thick, opaque liquid, butyl ether odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None.	Flammable Limits	LEL NA	UEL NA
------------------------------------	------------------	-----------	-----------

Extinguishing Media

Water, CO₂, dry chemical.

Special Fire Fighting Procedures

Spray containers to keep cool.

Unusual Fire and Explosion Hazards

Extreme heat can rupture container, spilling contents.

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

Fdrive/Pubs/MSDS_Sht/Cleaners/Attack.doc

Section V - Reactivity Data		
Stability	Unstable	Conditions to Avoid
	Stable	X
Incompatibility (<i>Materials to Avoid</i>) 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? Atomized spray	Skin? NO	Ingestion? NO
Health Hazards (<i>Acute and Chronic</i>) ACUTE - chemical burns, blindness, stomach disorder. CHRONIC - NIA.			
Carcinogenicity:	NTP? NIA	IARC Monographs? NIA	OSHA Regulated? NIA
Signs and Symptoms of Exposure EXTERNAL - chemical burns. INTERNAL - burns 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. INTERNAL - drink a large quantity of milk, raw eggs 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 Mop or wipe up excess. Rinse to the sewer per Federal, State and Local regulations.
Waste Disposal Method To sewer per Federal, State, and Local regulations.
Precautions to Be Taking in Handling and Storing Keep closed when not in use.
Other Precautions Avoid contact. Caustic/corrosive material. Keep out of reach of children.

Section VIII - Control Measures		
Respiratory Protection (<i>Specify Type</i>) Use 3M, 5 micron, particle mask if sprayed or atomized.		
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 Rubber apron recommended.		
Work/Hygienic Practices Always wash hands after handling.		
Fdrive/Pubs/MSDS_Sht/Cleaners/Attack.doc		