

MSDS - Material Safety Data Sheet

Product Name: BLACKOUT

MSDS No.: G503

I. Basic Information:

Manufacturer: GRIFFIN BROS. INC. **Emergency / Information** 800-456-4743
Address: PO BOX 42194
City, ST Zip: Portland, OR 97242-019

Last Update: 6/3/05 **24 HOUR EMERGENCY**
Chemical State: Liquid Gas Solid **CHEMTREC** 800-424-9300
Chemical Type: Pure Mixture

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB	OSHA PEL	ACGIH TLV	Other Limits
7732185	Dicadium trioxosulfate					313	n/a	n/a	
7681629	Sodium hypochlorite						2mg/m3	2mg/m3	
1270876	Nonylphenol ethoxylate						n/a	n/a	n/a

III. Hazardous Identification:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

IV. First Aid Measures:

Route(s) of Entry:

Eyes, skin, Ingestion, inhalation

Health Hazards (Acute and Chronic):

Eyes-irritation and possible corneal injury./Skin-redness, possible dermatitis./Ingestion-Esophageal and Stomach cramps./Inhalation-Vapors and mist may irritate nose and throat.

Signs and Symptoms:

irritation

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures:

Skin-rinse with soap and water./Eyes-rinse with water for 15 minutes./Ingestion-Give water. Do not induce vomiting./Inhalation-Remove to fresh air. Call a physician if necessary.

Other Health Warnings:

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Flash Point: none Lower Explosive Limit: n/a Upper Explosive Limit: n/a

Fire Extinguishing Media: Will not burn.

Special Fire Fighting Procedures:

n/a

Unusual Fire and Explosion:

n/a

VI. Accidental Release Measures:Steps to be Taken in Case Material is Released or Spilled:
Mop and rinse with water.**VII. Handling and Storage:**

Precautions to be Taken:

Avoid excessive heat and avoid freezing. Keep away from acids

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local Exhaust preferable

Personal Protective Equipment:

Plastic or rubber gloves. Safety glasses.

IX. Physical and Chemical Properties:

Boiling Point: 212F	Melting Point: n/a	Evaporation Rate: =H2O
Vapor Pressure (mm Hg.): =H2O	Vapor Density (AIR = 1): <1	Specific Gravity (H2O = 1) 1.04
Solubility in Water: 100%		

Appearance and Odor: clear, slight chlorine and lemon

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

ammonia, all acids, reaction will liberate chlorine gas.

XIII. Disposal Considerations:

Dispose according to Local, State and Federal regulations.

XIV. Transport Information:

Consumer Commodity ORM-D