

Material Safety Data Sheet

SECTION 1 - Product and Company Identification	
Product Name:	Brown Out®
Trade Name & Synonyms:	Brown Out®
Chemical Name:	Proprietary
CAS Number:	Mixture
Grades or Minor Variant Identities:	
Product Use for Canada:	
Manufacturer:	Bane-Clene® Corporation
Address:	3940 N. Keystone Ave.
City, State Zip:	Indianapolis, Indiana 46205
Emergency Telephone:	800-428-9512
Other Information Telephone:	317546-5448
HMIS Codes:	<i>Health:</i> 1 <i>Physical Hazard:</i> 0
	<i>Flammability:</i> 2 <i>Personal Protection:</i> B
MSDS Code Number:	
Date Prepared:	7/21/2005
Date Supercedes:	2/16/1991

SECTION 2 - Composition/Information on Ingredients			
Hazardous Components	Exposure Limits	Percent	Cas No.
Dimethylcarbinol	TLV - 400 ppm	1.5%	67-63-0
Citric Acid	TLV - NE	1.5%	77-92-9
Balance of product non hazardous under OSHA's Standard 29CFR191 0.1200			

SECTION 3 - Hazard Identification	
Emergency Overview:	Causes skin and eye irritation
Potential Health Effects:	
	Eyes: Corrosive - Causes severe irritation to eyes
	Skin: Cause skin irritation
	Ingestion: Causes burns to mouth, throat and stomach lining
	Inhalation: May irritate mucous membranes if inhaled repeatedly
Subchronic/Chronic Toxicity:	
	Mutagenicity:
	Routes of Entry:
	Cancer Statement:
Sensitization:	

SECTION 4 - First Aid Measures

Eyes:	Flush with water for 15 minutes and seek medical attention.
Skin:	Wash effected area immediately with soap and water. Apply protective cream.
Ingestion:	DO NOT induce vomiting, give milk or water. Seek immediate medical attention.
Inhalation:	Remove person to fresh air.

SECTION 5 - Fire Fighting Measures

Flash Point and Method:	130°F T.C.C.
Extinguisher Media:	Dry Chemical or foam
Hazardous Combustion Products:	Carbon monoxide and carbon dioxide
Fire Fighting Procedures:	None

SECTION 6 - Accidental Release Measures

Small Spill:	Dilute with plenty of water
Large Spill:	Dike up spills - Neutralize with soda ash
Comments:	Dispose of in approved container for chemicals. Follow all Federal, State and local regulations.

SECTION 7 - Handling and Storage

General Procedures:	Keep container closed and store away from freezing temperatures
Handling:	Wear safety goggles and gloves when handling product

SECTION 8 - Exposure Controls/Personal Protection

Engineering Controls:	N/AP
Personal Protection:	Eyes and Face: Chemical safety goggles Skin: Rubber or neoprene gloves, protective outer clothing if splashing occurs
Respiratory:	None required

SECTION 9 - Physical & Chemical Properties

Physical State:	Liquid
Odor:	Alcohol
Color:	Water White
pH:	2 -2.5
Percent Volatile:	N/AV
Vapor Pressure:	N/AV
Vapor Density:	N/AV
Boiling Point:	212°F
Freezing Point:	Below 32°F
Melting Point:	N/AP
Solubility in Water:	Complete
Specific Gravity: (VOC):	1.008 <i>g/cc</i> N/AP
Comments:	

SECTION 10 - Stability and Reactivity

Stable:	Product is stable
Hazardous Polymerization:	<u>Will not occur</u>
Hazardous Decomposition:	Carbon monoxide and carbon dioxide
Incompatible Materials:	Reaction with alkalis neutralizes product. Reacts with oxidizers.

SECTION 11 - Toxicological Information

Eye Effects:	Causes eye burns and damage to eye tissue
Skin Effects:	May cause skin irritation and rash
Acute:	May cause eye damage
	Dermal LD₅₀: N/AV
	Skin Absorption: N/AV
	Oral LC₅₀: N/AV
Sensitization:	N/AV
Subchronic:	N/AV
Carcinogenicity:	Product is not a carcinogen
Mutagenicity:	N/AV

SECTION 12 - Ecological Information	
Environmental Data:	
COD Elimination: N/AV	
Biodegradation by Microorganisms: N/AV	
Accumulation & Degradation on Activated Sludge: N/AV	
Accumulation in Algae (chlorella fusca): N/AV	
Accumulation in Fish (Golden Orfe): N/AV	
Growth Inhibition in Algae N/AV	
(Scenedesmus):	
Bacterial Toxicity: N/AV	
Ecotoxicological Information:	
Aquatic Toxicity Data: N/AV	
Acute Fish Toxicity (Plaice): N/AV	
Acute Toxicity (Daphnia magna): N/AV	
Acute Toxicity (Brown Shrimp): N/AV	
Bacterial Toxicity (Pseudomonas putida): N/AV	
General Comments:	

SECTION 13 - Disposal Considerations	
Disposal Method:	Neutralize with soda ash - Dispose in approved receptacle for chemicals.
For Large Spills:	Neutralize spills with soda ash - Dispose in approved container for chemicals
RCRA Hazard Class:	Follow all Federal, State and Local regulations

SECTION 14 - Transportation Information	
DOT (Department of Transportation):	Non DOT Regulated Chemicals. <i>N.O.S./</i> (Contains: Brown Out®)
Proper Shipping Name:	_____
Technical Name:	_____
Primary Hazard Class/Division:	_____
UN/NA Number:	_____
Packing Group:	_____
Vessel (IMO/IMDG):	_____
Proper Shipping Name:	_____
US Customs Harmonization Number:	_____

SECTION 15 - Regulatory Information

EEC Label Symbol and Classification:

EEC Symbol ID: N/AV

EEC Risk Phrase Code(s): N/AV

United States:

Sara Title III (Superfund Amendments and Reauthorization Act)

Fire: N/AV

Pressure Generating: N/AV

Reactivity: N/AV

Acute: N/AV

Chronic: N/AV

313 Reportable Ingredients: N/AV

CERCLA (Comprehensive Response, Compensation, and Liability Act)

CERCLA Regulatory: N/AV

TSCA (Toxic Substance Control Act)

TSCA Status: - N/AV

Carcinogen: N/AV

Canada:

WHMIS (Worker Hazardous Materials
Information System)

Canadian Environmental Protection Act: N/AV

State Regulations:

Proposition 65 Statement: - N/AV