

# 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:	<table style="width: 100%; border: none;"> <tr> <td style="border: none;"><i>Health:</i> 1</td> <td style="border: none;"><i>Physical Hazard:</i> 0</td> </tr> <tr> <td style="border: none;"><i>Flammability:</i> 2</td> <td style="border: none;"><i>Personal Protection:</i> B</td> </tr> </table>	<i>Health:</i> 1	<i>Physical Hazard:</i> 0	<i>Flammability:</i> 2	<i>Personal Protection:</i> B
<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:	<p style="text-align: center;">Eyes: Corrosive - Causes severe irritation to eyes</p> <hr/> <p style="text-align: center;">Skin: Cause skin irritation</p> <hr/> <p style="text-align: center;">Ingestion: Causes burns to mouth, throat and stomach lining</p> <hr/> <p style="text-align: center;">Inhalation: May irritate mucous membranes if inhaled repeatedly</p>
Subchronic/Chronic Toxicity:	
Mutagenicity:	
	Routes of Entry:
	Cancer Statement:
Sensitization:	

**SECTION 4 - First Aid Measures**

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

**SECTION 5 - Fire Fighting Measures**

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

**SECTION 6 - Accidental Release Measures**

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

**SECTION 7 - Handling and Storage**

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

**SECTION 8 - Exposure Controls/Personal Protection**

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

**SECTION 9 - Physical & Chemical Properties**

Physical State:	Liquid
Odor:	Alcohol
Color:	Colorless to Light Yellow
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**

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

**SECTION 11 - Toxicological Information**

<b>Eye Effects:</b>	Causes eye burns and damage to eye tissue
<b>Skin Effects:</b>	May cause skin irritation and rash
<b>Acute:</b>	May cause eye damage
	<b>Dermal LD<sub>50</sub>:</b> N/AV
	<b>Skin Absorption:</b> N/AV
	<b>Oral LC<sub>50</sub>:</b> N/AV
<b>Sensitization:</b>	N/AV
<b>Subchronic:</b>	N/AV
<b>Carcinogenicity:</b>	Product is not a carcinogen
<b>Mutagenicity:</b>	N/AV

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

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

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

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