

Brown Out

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Brown Out
SDS Number: FG3151
Revision Date: 7/23/2015
Version: 1
Supplier Details: Majestic Solutions Distributing Co, Inc.
1001 Corporation Pkwy, Ste. 110
Raleigh, NC 27610

Phone: 919-212-1150

InfoTrac Day & Night: 800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H319 - Causes serious eye irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+313 - Get medical advice/attention.

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
77-92-9	<5%	1,2,3-Propanetricarboxylic acid, 2-hydroxy-

The specific chemical identity and/or exact percentages are being withheld as a trade secret (CBI). In the event of an emergency, the exact chemical formula and percentages will be given to medical personnel upon request.

All chemicals in this product are reported in the EPA TSCA Inventory.

4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** Promptly flush skin with water. If irritation persist, obtain medical attention.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.
- Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Consult a physician.

5 FIRE FIGHTING MEASURES

- Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
- Unsuitable Extinguishing Media:** Not applicable.
- Hazardous Combustion Products:** Not applicable.
- Special Exposure Hazards:** Contact with some metals, particularly magnesium, aluminum, and zinc can rapidly generate hydrogen, which is explosive.
- Special protective equipment:** Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautionary Measures:** Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.
- Environmental Precautionary Measures:** Do not empty into drains.
- Methods and Materials for Containment and Cleanup:** This material may be neutralized with dilute acid for disposal. Do not discharge into waste water treatment until liquid residues have been neutralized with dilute acid (pH 6-9). Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations.

7 HANDLING AND STORAGE

- Handling Precautions:** Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.
- Storage Requirements:** Store between 50-80° F. Keep container closed and in a well-ventilated area.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in well ventilated area.
Personal Protective Equipment: Engineering Controls: Use in well ventilated area.
 Personal Protective Equipment: HMIS PP, C | Safety Glasses, Gloves, Apron.

Use good chemical hygiene practice. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors.

1,2,3-Propanetricarboxylic acid, 2-hydroxy- (77-92-9) [<5%] : no data available

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Colorless Liquid	Odor:	Pungent
Physical State:	Liquid	Solubility:	Soluble in Water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1.01	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Partition Coefficient:	No data available	UFL/LFL:	No data available
Vapor Pressure:	No data available		
pH:	2.2 - 2.8		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Open flame and excessive heat.
Materials to Avoid: Avoid contact with strong oxidizing agents.
Hazardous Decomposition: Oxides of carbon. Other unknown decomposition possible.
Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

1,2,3-Propanetricarboxylic acid, 2-hydroxy- (77-92-9) [<5%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,400 mg/kg (OECD Test Guideline 401)

Inhalation: no data available

LD50 Dermal - rat - > 2,000 mg/kg (OECD Test Guideline 402)

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Irritating to eyes. (OECD Test Guideline 405)

Respiratory or skin sensitization: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: GE7350000

Vomiting, Diarrhea, Damage to tooth enamel., Dermatitis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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12 ECOLOGICAL INFORMATION

1,2,3-Propanetricarboxylic acid, 2-hydroxy- (77-92-9) [<5%]

Information on ecological effects

Toxicity:

Toxicity to fish mortality LC50 - *Leuciscus idus melanotus* - 440 mg/l - 48 h.

(OECD Test Guideline 203)

Toxicity to daphnia and static test - *Daphnia magna* (Water flea) - 1,535 mg/l - 24 h.

other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of waste material in accordance with all local, regional, national, and international regulations

Contaminated packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

USDOT: Not regulated

Marine Pollutant: No

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

1,2,3-Propanetricarboxylic acid, 2-hydroxy- (77-92-9) [<5%] TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

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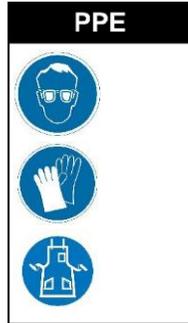
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OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



Publication Date: 7/23/2015

Revision No.: 1

This information is based on our current knowledge of the product and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.