

Sodium Bisulfite Solution-40%

SDS Number: FG5097

Revision Date: 10/28/2014

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Marlin Company, Inc
1333 Virginia St.
Lenoir, NC 28645

Phone: 8287540980

Product Name: Sodium Bisulfite Solution-40%
Revision Date: 10/28/2014
Version: 1
SDS Number: FG5097
Chemical Family: Inorganic-acidic
Product Use: Not available.

InfoTrac Day & Night: 800-535-5053

2 HAZARDS IDENTIFICATION

HMIS III:

H3/F0/PH1

HMIS III	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARDS	1
PERSONAL PROTECTION C I Safety Glasses, Gloves, Apron	

PERSONAL PROTECTION INDEX													
A		G											
B		H											
C		I											
D		J											
E		K											
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		O		p		q		r		S	
t		u		w		Y		Z		Additional information			

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 5 Oral
Health, Respiratory or skin sensitization, 1 Respiratory
Health, Skin corrosion/irritation, 1 A
Physical, Corrosive to Metals, 1

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GHS Phrases:

- H303 - May be harmful if swallowed
- H334 - May cause allergy or asthma symptoms of breathing difficulties if inhaled
- H314 - Causes severe skin burns and eye damage
- H290 - May be corrosive to metals

GHS Precautionary Statements:

- P304 - IF INHALED: Move individual to fresh air and contact a physician.
- P305 - IF IN EYES: Flush eyes with plenty of water. If redness persists, seek medical attention.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
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7631-90-5	38-42	Sodium bisulfite
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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 until all chemical is removed.
- Eye Contact:** 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. Get medical advice. Do not give anything by mouth to an unconscious or convulsing person.

Effects and symptoms:

Ingestion: May be harmful if swallowed.

Inhalation: Causes allergy or asthma symptoms if inhaled.

Skin contact: Causes severe burns.

Eye contact: Causes eye damage.

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5 FIRE FIGHTING MEASURES

Flash Point: Not applicable

Flash Point Method: N/A

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not applicable.

Hazardous Combustion Products: Not available.

Special Exposure Hazards: None.

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: Soak up residue with an absorbent such as clay or sand. Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations. Do not discharge into waterways or sewage systems.

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: Keep from freezing. Store between 50 and 80 degrees F. Keep container closed and in a well-ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in well ventilated area.

Personal Protective Equip: HMIS PP, C | Safety Glasses, Gloves, Apron

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

Exposure Limits:

USA OSHA (TWA₅)/PEL): Not available.

ACGIH (TWA/TLV): 5mg/m³ for solid sodium bisulfite

Respiratory Protection: Follow OSHA respirator guidelines found in 29 CFR 1910.134.

Ventilation: Provide local exhaust ventilation.

Protective Gloves: Wear chemical resistant protective gloves.

Eye Protection: Wear chemical safety goggles and face shield.

Other Protective Equipment: Wear long-sleeved clothing.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid	Odor:	Pungent
Physical State:	Liquid	Solubility:	Soluble in Water
Odor Threshold:	Not available.	Freezing/Melting Pt.:	Not available.
Spec Grav./Density:	1.31-1.38	Flash Point:	N/A
Viscosity:	Not available.	Vapor Density:	Not available.
Boiling Point:	217 F	Auto-ignition Temp:	Not available.
Flammability:	Not available.		
Partition Coefficient:	Not available.		
Vapor Pressure:	Not available.		
pH:	2-5		
Evap. Rate:	Slower than water.		
Decomp Temp:	Not available.		

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Open flame and heat.
Materials to Avoid:	Alkaline materials, strong acids, and oxidizing materials.
Hazardous Decomposition:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Carcinogenicity: Not considered a carcinogen by IARC, NTP, or OSHA.
Target organ effects: Not available.
Chronic Effects: Not determined.

Acute Toxicity Values:

Oral (LD 50): No data available.

Inhalation (LC 50): No data available.

IMMEDIATE (ACUTE) EFFECTS:

Ingestion: May be harmful if swallowed.

Inhalation: Causes allergy or asthma symptoms if inhaled.

Skin contact: Causes severe burns.

Eye contact: Causes eye damage.

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12 ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
Products of Biodegradation: Not Available
Toxicity of the Products of Biodegradation: Not Available
Bioaccumulative potential: No data available.
Mobility in Soil: Not available.

13 DISPOSAL CONSIDERATIONS

Empty Containers: If empty container retains product residue, all label precautions must be observed. Dispose of unused product prior to disposing of empty container.

Disposal Considerations of Substance: Do not discharge into waterways or sewage systems. Transport with all closures in place. Return for reuse or dispose of according to national, local, and state regulations.

14 TRANSPORT INFORMATION

DOT Class: Corrosive (8) #8
UN #: UN 2693, Class: 8, Proper Shipping Name: Bisulfites, aqueous solutions, n.o.s., PGIII

Marine Pollutant: Not determined.



15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Sodium bisulfite (7631905 n/a%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS- Material contains the above listed component(s) considered hazardous according to the following:

CSWHS = Clean Water Act Hazardous substances
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
HAP = Hazardous Air Pollutants

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OTHER INFORMATION

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Publication Date: 10/28/2014

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