



# SDS

# GHS Safety Data Sheet Marlin Company Inc.

## Complex FWT

SDS Number: FG10571

Revision Date: 11/13/2013

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

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

Phone: 8287540980

**Product Name:** Complex FWT  
**Revision Date:** 11/13/2013  
**Version:** 2  
**SDS Number:** FG10571  
**Product Use:** Not specified.

**InfoTrac Day & Night:** 800-535-5053

## 2 HAZARDS IDENTIFICATION

HMIS III: H2/F0/PH1

HMIS III	
HEALTH	2
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		Additional Information	
t		u	
w		y	
z			

GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:  
Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 3  
Physical, Corrosive to Metals, 1  
Health, Serious Eye Damage/Eye Irritation, 2 B



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### GHS Phrases:

- H303 - May be harmful if swallowed
- H316 - Causes mild skin irritation
- H290 - May be corrosive to metals
- H320 - Causes eye irritation

### GHS Precautionary Statements:

- P304 - IF INHALED: Move individual to fresh air and contact a physician.
- P402+404 - Store in a dry place. Store in a closed container.
- P302+350 - IF ON SKIN: Gently wash with soap and water.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas #	Percentage	Chemical Name
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1310-73-2	<5%	Sodium hydroxide
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The chemical identity and/or exact percentages of the above listed components are being withheld as a trade secret (CBI).

## 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 soap and water until all chemical is removed.
- 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 or acidic beverages, such as tomato or orange juice, or carbonated soft drinks. Do not induce vomiting. Seek medical attention. Do not give anything by mouth to an unconscious or convulsing person.

## 5 FIRE FIGHTING MEASURES

**Flash Point:** None  
**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 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.



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### 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

<b>Handling Precautions:</b>	Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.
<b>Storage Requirements:</b>	Keep from freezing. Store between 50 and 80 degrees F. Keep container closed and in a well-ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls:</b>	Use in well ventilated area.
<b>Personal Protective Equip:</b>	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 (TWA<sub>5</sub>)/PEL):** 2 mg/m<sup>3</sup> (sodium hydroxide)

**ACGIH (TWA/TLV):** Not available.

**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.

**Other Protective Equipment:** Wear long-sleeved clothing and chemical resistant apron.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear Yellow Liquid	<b>Odor:</b>	Musty
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Soluble in Water
<b>Odor Threshold:</b>	Not available.	<b>Freezing/Melting Pt.:</b>	Not available.
<b>Spec Grav./Density:</b>	1.1-1.2	<b>Flash Point:</b>	N/A
<b>Viscosity:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Boiling Point:</b>	Not available.	<b>Auto-ignition Temp:</b>	Not available.
<b>Flammability:</b>	Not available.		
<b>Partition Coefficient:</b>	Not available.		
<b>Vapor Pressure:</b>	Not available.		
<b>pH:</b>	>12		
<b>Evap. Rate:</b>	Not available.		
<b>Decomp Temp:</b>	Not available.		

Heat of Solution: Very exothermic

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Open flame and heat.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Oxides of carbon and nitrogen.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

Carcinogenicity: Not considered a carcinogen according to NTP, IARC, 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: Non-hazardous under normal conditions.**

**Skin contact: May cause skin irritation.**

**Eye contact: May cause eye irritation.**



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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 3266, Class: 8, Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide), PG II

Marine Pollutant: No



### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES  
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\*Sodium hydroxide (1310732 <5%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

SARA Title III Section 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1989 of 40 CFR 372.

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

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



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#### OTHER INFORMATION

**Author:** Technical Services Department, The Marlin Company, Inc.

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**Revision No.:** 2

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