# MATERIAL SAFETY DATA SHEET

### **Green Builder Products**



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## SECTION 1 - PRODUCT/COMPANY IDENTIFICATION

Product Name:

Florida Chemical 9220 Liquid Hammer®

Florida Chemical Supply, Inc. Manufacturer's Name

Address

6810 East Chelsea St. Tampa, Florida 33610

(800) 255-3924 DOT EMERGENCY NUMBER

MSDS INFORMATION (813) 623-1274

02-May-08 10-Nov-07 Date Prepared Supercedes

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS SARA ACGIH TWA STEL RQ MG/M<sup>3</sup> MG/M<sup>3</sup> SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S) CAS# OPTIONAL PPM TITLE III LBS

This product contains no hazardous components.

I<sup>laF</sup> Indicates the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for the releases or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to the 40 CFR 302.

(b) A "C" in the ACGIH TWA column indicates ceiling limits, the concentration that should not be exceeded during any part of the working exposure

(c)Indicates the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) has notification requirements for

release or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to 40 CFR 302.

(d) Indicates an Extremely Hazardous Substance, if your facility has a designated amount of this substance. Threshold Planning Quantity 9TPQ) in inventory, the regulation of 40 CFR 355 and 370 apply, including submission of Tier I/Tier II forms every March 1

(e) Indicates listing in Table Z - 2, 29 CFR 1910.1000, detailing acceptable ceiling concentration limits and acceptable maximum peak above the ceiling concentration for an 8-hour shift.

(f) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

## **SECTION 3 - HAZARDS IDENTIFICATION**

	HMIS RATINGS		
INHALATION:	Irritation of the throat and mouth. May cause difficulty breathing.	MEALTH	0
SKIN:	May cause irritation with redness and burning, itching, or rash.		0
EYES:	Prolonged exposure to mists may cause irritation, tearing, and pain	PHYSICAL HAZARD	0
INGESTION:	May cause irritation to the digestive tract with vomiting or diarrhea.	PPE	В

HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause irritation to skin and eyes; prolonged inhalation of this product may cause irritation to the upper respiratory tract.

CARCINOGENITY: Not expected to be carcinogenic.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Preexisting skin, eye, or respiratory disorders may become aggrivated through prolonged exposure.

## **SECTION 4 - FIRST AID MEASURES**

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove victim to fresh air; if breathing has not returned to normal, get medical attention immediately.

SKIN: Flush affected area with water for 15 minutes. Wash or discard contaminated clothing. Get medical attention if necessary.

EYES: Flush eyes with water while holding eyelids open. Get medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING. Give large quantities of water. Get medical attention immediately.

## **SECTION 5 - FIRE FIGHTING MEASURES**

FLAMMABLE LIMITS UEL: FLASH POINT (METHOD USED) None LEL: N/A FLAMMABILITY Non Flammable N/A

EXTINGUISHING MEDIA

CO<sup>2</sup>; water; water fog; dry chemical; chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES UNUSUAL FIRE AND EXPLOSION HAZARDS

May emit toxic fumes under fire conditions

#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wash small spills into sanitary sewer.

Confine large spill, soak up with approved absorbent, shovel product into approved container; for spills in excess of allowable limits (RQ) notify the national response center (800) 424-8802; refer to the SARA Title III, section 313 40 CFR 372,

and CERCLA 40 CFR 302 for detailed instructions regarding reporting requirements.

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IDENTITY (AS USED ON LABEL AND LIST)

Florida Chemical 9220 Liquid Hammer®

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#### SECTION 7 HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use; protect

container from abuse; protect from extreme temperatures. Keep this and other chemicals out of the reach of children.

Minimize body contact with this product as well as all chemicals in general.

#### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum

allowable concentrations; if TWA exceeds limits, NIOSH respirator must be worn.

VENTILATION LOCAL EXHAUST: Suggested SPECIAL: To maintain minimum TWA and STEL levels.

MECHANICAL (GENERAL) Yes OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber EYE PROTECTION: Ssfety Glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

As necessary for workplace safety.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits.

#### PERSONAL PROTECTIVE EQUIPMENT (PICTOGRAMS)





SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES				
BOILING POINT	212 <sup>0</sup> F	SPECIFIC GRAVITY (WATER = 1)	1.07	
VAPOR PRESSURE (MM HG)	N/D	рН	2.1-2.5	
VAPOR DENSITY (AIR = 1)	N/D	EVAPORATION RATE (WATER = 1)	<1	
SOLUBILITY IN WATER	Complete	% VOLATILE (BY WT)	<1%	
COLOR	Amber Liquid	ODOR	Burnt Sugar	

#### SECTION 10 - STABILITY AND REACTIVITY

STABILITY AND REACTIVITY

This product is stable

INCOMPATIBILITY

Oxidizing agents and strong alkalis

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire conditions may produce Carbon Oxides.

CONDITIONS TO AVOID: Extreme temperatures

## **SECTION 11 - TOXOLOGICAL INFORMATION**

TOXICITY TO ANIMALS: Not Available

#### SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY Not Available

BIODEGRADABILITY This product is expected to readily biodegrade.

**SECTION 13 - DISPOSAL CONSIDERATIONS** 

WASTE DISPOSAL METHOD: Dispose in accordance with Local, State, and Federal Regulations. Refer to "40 CFR

Protection of Environmental Parts 206-269" for complete waste disposal regulations for chemical materials.

Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

## SECTION 14 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not Regulated HAZARD CLASSIFICATION: Not Regulated IDENTIFICATION NUMBER: Not Regulated

## **SECTION 15 - REGULATORY INFORMATION**

US FEDERAL REGULATIONS Sara 313 toxic chemical notification and release reporting:

Not Applicable

Clean Water Act (CWA) 311: Not Determined

Clean Air Act (CAA) 112 regulated toxic substances: N/A

#### **SECTION 16 - OTHER INFORMATION**

The information contained herein is believed to be accurate but is not warranted to be so. The named supplier assumes no liability whatsoever for the accuracy or completeness of information herein. Final determination that the product is applicable and suited for the circumstances of use is the sole responsibility of the user. Unknown hazards may exist. Use this and all chemical materials with caution.