

# MATERIAL SAFETY DATA SHEET

OSHA-MEETS 29 CFR 1910,1200 STANDARDS

HMIS HAZARD RATINGS



HEALTH	1	0=INSIGNIFICANT	3=HIGH
FLAMMABILITY	0	1=SLIGHT	4=EXTREME
REACTIVITY	0	2=MODERTE	

**TRANSPORTATION INFORMATION**

PROPER SHIPPING NAME:  
 HAZARD CLASS/DIVISION: REF:  
 IDENTIFICATION NUMBER: LABEL: None

**SECTION 1 - PRODUCT/COMPANY IDENTIFICATION**

IDENTITY (AS USED ON LABEL AND LIST) <b>FCSI #922 ELIMINATOR, LIQUID HAMMER</b>		PAGE 1 OF 2
MANUFACTURER'S NAME Florida Chemical Supply, Inc.	EMERGENCY TELEPHONE NUMBER CHEM-TEL (800) 255-3924	
ADDRESS (NUMBER, STREET) 6810 East Chelsea St.	TELEPHONE FOR INFORMATION (813) 623-1274	
(CITY, STATE, AND ZIP CODE) Tampa, Florida 33610	DATE PREPARED: September 17, 2002	
	SUPERCEDES: February 25, 2001	

**SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY:COMMON NAME(S))	CAS#	% OPTIONAL	ACGIH PPM	STEL MG/M <sup>3</sup>	SARA TITLE III	RQ LBS
The specific chemical identity and composition is being withheld as a trade secret.						

(a) 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.

**SECTION 3 - HEALTH HAZARD DATA**

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Cough, difficulty in breathing.	Remove to fresh air immediately. Call a physician.
SKIN: Redness and Burning	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.
EYES: Burning	Immediately flush with plenty of fresh water for at least 15 minutes. Call a physician.
INGESTION: May cause irritation of the gastrointestinal tract with abdominal pain, nausea, vomiting and diarrhea.	DO NOT INDUCE VOMITING. Give large quantities of water. Call a physician.
HEALTH HAZARDS (ACUTE AND CHRONIC) Prolonged exposure may cause skin burns and ulceration.	
CARCINOGENITY: None	NTP? No IARC No OSHA No MONOGRAPHS? REGULATED?
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May cause dryness to skin.	

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FCSI #922 ELIMINATOR, LIQUID HAMMER

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**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

FLAMMABLE LIMIT: LEL:

UEL:

None

None

None

EXTINGUISHING MEDIA

As appropriate for combustibles in area

SPECIAL FIRE FIGHTING PROCEDURES

Keep drums cool with water spray to prevent drum rupture due to steam buildup.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

**SECTION 5 - ACCIDENTAL RELEASE MEASURES**

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

Neutralize spills with lime or soda ash. Flush spills with plenty of water.

**SECTION 6 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures.

**SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION (SPECIFY TYPE):

None

VENTILATION

LOCAL EXHAUST: Good

SPECIAL: None

MECHANICAL (GENERAL): None

OTHER: None

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None

WORK / HYGIENIC PRACTICES: Rinse skin with soap and water after contact.

**SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES**

BOILING POINT 234°F

SPECIFIC GRAVITY (WATER = 1)

1.11

VAPOR PRESSURE (MM HG)

Vapor is water

pH 2.8

VAPOR DENSITY (AIR = 1)

Vapor is water

EVAPORATION RATE (WATER = 1) N/A

SOLUBILITY IN WATER

Miscible

% VOLATILE (BY W/O)

APPEARANCE AND ODOR

Clear liquid with mild odor (Like burnt sugar)

**SECTION 9 - STABILITY AND REACTIVITY**

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID:

None

INCOMPATIBILITY (MATERIALS TO AVOID):

Reacts with oxidizing agents, cyanides, and sulfides to produce hydrogen, oxides of nitrogen, hydrogen cyanide or hydrogen sulfide gases, respectively.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Will not occur

HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID:

MAY OCCUR:

WILL NOT OCCUR: XXX

None

**SECTION 10 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose in accordance with Local, State, and Federal Regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.