

MATERIAL SAFETY DATA SHEET

OSHA-MEETS 29 CFR 1910,1200 STANDARDS

HMIS HAZARD RATINGS

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



TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Combustible Liquid, N.O.S.		
HAZARD CLASS/DIVISION:	REF:	49CFR172.101	
IDENTIFICATION NUMBER:	NA1993	LABEL:	Combustible

SECTION 1 - PRODUCT/COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) FCSI FORMULA 720 "D-SOLVE"		#1720	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:	June 7, 2004	
	SUPERCEDES:	10/22/1994	

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY:COMMON NAME(S))	CAS#	% OPTIONAL	ACGIH PPM	TWA MG/M3	STEL MG/M3	SARA TITLE III	RQ LBS
d'LIMONENE	5989-27-5	90-100%					

^(a) Indicates the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements the releases or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to the 40 CFR 302.

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) A "YES" in the SARA title III column indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372.

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

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Breathing small amounts of f this Material during normal handling is not likely to cause any harmful effects.	Remove victim to fresh air; wash mouth and nasal passage repeatedly if breathing difficulties persist seek medical attention.
SKIN: May cause mild skin irritation. Prolonged or repeated contact may dry the skin.	Wash contacted area with soap and water.
EYES: May Cause mild eye irritation.	Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; get medical attention immediately.
INGESTION: Swallowing small amounts of this material during hanfling is not likely to cause harmful effects.	Seek medical attention. If drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact a physician. Contact poison control for advice for inducing vomiting.
HEALTH HAZARDS (ACUTE AND CHRONIC) cause ulcers to upper respiratory tract; no long term health effects are known at this time.	Corrosive to skin and eyes; prolonged inhalation of this product may
ARCINOGENITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO	

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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SECTION 4 - FIRE FIGHTING MEASURES

ASH POINT (METHOD USED) 115 F Non-flammable FLAMMABLE LIMITS LEL: UEL: Non applicable Non applicable

EXTINGUISHING MEDIA alcohol foam, water fog, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES Wear a self contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with app CAUTION:

UNUSUAL FIRE AND EXPLOSION HAZARDS NONE

SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb liquid absorbent or other absorbent material excess fo allowable limits notify the National Response Center (800)424-8802

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 tempe erature. Containers must be disposed of properly. Container contain Combustible liquids.

SECTION 7 - 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 approved respirator must be worn.

VENTILATION LOCAL EXHAUST: required SPECIAL: To maintain minimum TWA and STEL levels. MECHANICAL (GENERAL) OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber EYE PROTECTION:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: coveralls, apron, or other clothing should be worn tc to minimize conta WORK / HYGIENIC PRACTICES: practice safe work habits.Minimize skin contact.

SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT 348.8 SPECIFIC GRAVITY (WATER = 1) 0.838

VAPOR PRESSURE (MM HG)1.000@57.20f pH N/A

VAPOR DENSITY (AIR = 1) 4.73 EVAPORATION RATE (WATER = 1) <1

SOLUBILITY IN WATER Slight % VOLATILE (BY WT) 95%

APPEARANCE AND ODOR Colorless-Fruity

SECTION 9 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: XXX CONDITIONS TO AVOID: extreme tempetures

INCOMPATIBILITY (MATERIALS TO AVOID): strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decompositions may yield CO, CO2

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX CONDITIONS TO AVOID: NONE

SECTION 10 - 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 corrosive materials. 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 what 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 date sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.