

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	MJ – 10 MULTI TEMP DISH DETERGENT
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PRODUCT CODE	20740	MANUFACTURER	MyersSupply, Inc
ISSUE DATE	10- 02-2001	STREET ADDRESS	831 Third Street
SUPERCEDES	06-14 -2001	CITY, STATE ZIP	Hot Springs, AR 71913
		PHONE	(501) 623-7742

EMERGENCY TELEPHONE NUMBER
1-888-627-8740

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	<u>EXPOSURE LIMITS</u>		OTHER LIMITS
			ACGIH TLV	STEL	
Potassium hydroxide Sodium hypochlorite	1310-58-3 7681-52-9	N/A 1.5 mg / m ³ as CL	2 mg/m ³ N/A	N/A N/A	N/A N/A

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes severe burns to skin, eyes and mucous membranes and gastric mucosa.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Severe burns to oral and gastric mucosa
INHALATION	Severe burns to mucous membranes
EYE CONTACT	Severe burns
SKIN CONTACT	Severe burns

SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of milk or water. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	Not likely to occur under conditions of use.
EYE CONTACT	Flush with water for 15 minutes. See a physician immediately.
SKIN CONTACT	Flush with large amounts of water, neutralize with diluted vinegar. If serious burns develop, see a physician.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

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SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT / METHOD	NA	FLAMMABLE LIMITS	NA
% VOLATILE	NA		
EXTINGUISHING MEDIA	Water mist, dry chemical, CO2, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	Concentrated solution may react with aluminum and zinc to form hydrogen, which can form explosive mixtures in air.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Stop leak, dilute material spilled with diluted acetic acid (vinegar) to less than pH 10.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Keep containers closed when not in use. Store in a dry, cool place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	RESPIRATOR	Not required
X	GOGGLES / FACE SHIELD	Required; goggles should be chemical splash type.
	APRON	Not required
X	GLOVES	Required
	BOOTS	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colorless to Slightly yellowish clear liquid	BOILING POINT	220° F
ODOR	No apparent odor	VAPOR PRESSURE	NA
pH	>13	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.28	EVAPORATION RATE (butyl acetate=1)	<<1
SOLUBILITY IN WATER	Complete		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Elevated temperatures					
INCOMPATIBILITY	Strong acids. Aluminum, zinc or alloys containing them.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	None					

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z

OTHER EFFECTS

ACUTE	Causes severe burns to skin, eyes, mucous membranes and gastric mucosa.
CHRONIC	None known
ORAL LD/50	Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Flush diluted material to sewer
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	X		NOT HAZARDOUS	
DESCRIPTION	Corrosive liquid, n.o.s. (contains potassium hydroxide), 8, UN 1760, PG II.					
HM CODE	170					

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
Alk	WHITE	SPECIAL HAZARD

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