

**MATERIAL SAFETY DATA SHEET**


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**VALUE PRODUCTS INC**                      **2128 INDUSTRIAL DR. STOCKTON, CA 95206**


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PRODUCT CODE: 977555

 REVISION : 4  
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 SUPERSEDES : 10/08/98

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**SECTION I**    **PRODUCT IDENTIFICATION**


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PRODUCT NAME : **LIQUID SPARKLE BRIGHT**
 CHEMICAL NAME : WATER BASED DETERGENT SOLVENT BLEND  
 FORMULA : PROPRIETARY  
 DOT HAZARD CLASS : NOT HAZARDOUS

<u>HAZARD RATING (NFPA 704)</u>	<u>HAZARD RATING</u>	<u>PROTECTIVE EQUIPMENT</u>
HEALTH: 1	0=MINIMAL	A=GOGGLES
FIRE: 0	1=SLIGHT	B=GOGGLES, GLOVES
REACTIVITY: 0	2=MODERATE	C=GOGGLES, GLOVES, APRON
PROTECTIVE EQUIPMENT: B	3=SERIOUS	D=GOGGLES, GLOVES, APRON, FACE SHIELD
	4=SEVERE	E=GOGGLES, GLOVES, RESPIRATOR

*CHEMTREC'S 24 HOUR EMERGENCY TELEPHONE NUMBER 800-424-9300*


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**SECTION II**    **HAZARDOUS INGREDIENTS**


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SUBSTANCES LISTED IN THIS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN OSHA HAZARD COMMUNICATION STANDARD.

<u>MATERIAL</u>	<u>CAS#</u>	<u>TLV</u>	<u>PEL</u>
POTASSIUM HYDROXIDE	1310-58-3	2mg/m3	2mg/m3

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**SECTION III**    **PHYSICAL DATA**


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BOILING POINT : 212 °F	VOLATILE : 81%
VAPOR PRESSURE (AIR=1): >1	SOLUBILITY IN WATER: COMPLETE
VAPOR DENSITY: (AIR=1): WATER BASED	SPECIFIC GRAVITY: 1.134
EVAPORATION RATE (WATER=1):>1	VISCOSITY: 25 CPS @ 68 °F
PH 1% SOLUTION: 11.3-11.7	
DESCRIPTION: CLEAR GREEN SOLUTION, MINTY ODOR	

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**SECTION IV**    **FIRE AND EXPLOSION HAZARDS**


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 FLASH POINTS: NON-COMBUSTIBLE  
 FLAMMABLE LIMITS LEL/UEL: NA  
 METHOD USED: CLEVELAND OPEN CUP  
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM , CARBON DIOXIDE MAY BE USED.  
 UNUSUAL FIRE OR EXPLOSIVE HAZARD: MAY GENERATE HYDROGEN GAS, AND EVOLVE LARGE AMOUNT OF HEAT UPON CONTACT WITH ZINC, ALUMINUM, TIN, AND OTHER ACTIVE METALS.

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**SECTION V**    **HEALTH HAZARD DATA**


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EYE CONTACT:	VAPOR, LIQUID, AND MISTS ARE CORROSIVE TO EYES. BRIEF CONTACT OF MATERIAL WILL CAUSE LACHRYMATION (TEAR), AND SEVERE IRRITATION TO CORNEAL. PROLONGED CONTACT WILL CAUSE SEVERE DAMAGE TO EYES. SERIOUS INJURY MAY RESULT IN PERMANENT IMPAIRMENT OF VISION, EVEN BLINDNESS.
INHALATION:	MAY CAUSE SEVERE IRRITATION OF NOSE, MOUTH. EXCESSIVE EXPOSURE MAY CAUSE SEVERE INJURY TO UPPER RESPIRATORY TRACT AND LUNGS.
INGESTION:	CAN CAUSE IRRITATION OR SEVERE BURN TO MOUTH, THROAT, AND GASTROINTESTINAL TRACT. MAY ALSO CAUSE ULCERATION. SWALLOWING LARGE QUANTITIES MAY RESULT IN DEATH.

SKIN CONTACT: SHORT, SINGLE EXPOSURE MAY CAUSE BURN TO SKINS. PROLONGED LIQUID CONTACT WILL BURN AND TISSUES.

**FIRST AID MEASURES**

EYE CONTACT : IMMEDIATELY AND IMPERATIVELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR AT LEAST 30 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS TO ENSURE FLUSHING OF THE ENTIRE SURFACE. PROMPT MEDICAL ATTENTION IS ESSENTIAL.

INHALATION : REMOVE TO FRESH AREA. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. CALL A PHYSICIAN.

INGESTION : DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER AND TRANSPORT VICTIM TO MEDICAL FACILITY IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT : WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION.

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**SECTION VI****REACTIVITY DATA**

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STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID MIXING OF THIS MATERIAL WITH STRONG ACIDS OR OXIDIZERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: EXCESSIVE HEAT AND ANY CONTAMINATION.

HAZARDOUS DECOMPOSITION: FLAMMABLE HYDROGEN GAS.

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**SECTION VII****SPILL OR LEAK PROCEDURES**

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CLEAN-UP PROCEDURES: ONLY TRAINED AND PROPERLY PROTECTED PERSONNEL SHOULD BE INVOLVED IN SPILLED CLEAN-UP OPERATIONS. MOP UP AND PLACE MATERIAL IN SEALABLE CONTAINERS FOR DISPOSAL. FLUSH CONTAMINATED AREAS WITH WATER.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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**SECTION VIII****SPECIAL PROTECTION DATA**

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RESPIRATORY PROTECTION : NIOSH-APPROVED RESPIRATOR EQUIPPED WITH CARTRIDGE FOR ORGANIC/ACID VAPORS.

EYE PROTECTION : CHEMICAL GOGGLES.

PROTECTIVE CLOTHING : RUBBER GLOVES, APRON. FULL-LENGTH CLOTHING AND SAFETY SHOES.

VENTILATION : LOCAL MECHANICAL EXHAUST VENTILATION

OTHER PROTECTIVE MEASURES: EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY.

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**SECTION IX****SPECIAL PRECAUTION**

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HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS.

DISPOSAL OF EMPTY CONTAINER: EMPTY CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER AND DISPOSED OF PURSUANT TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

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**REVISION**

04/28/94 REVISED PROTECTIVE EQUIPMENT  
06/01/94 REVISED EMERGENCY PHONE NUMBER, HAZARD RATING SCALE  
10/08/98 REVISED DOT HAZARD CLASSIFICATION, HAZARD RATING SCALE