

MATERIAL SAFETY DATA SHEET

OSHA MEETS 29 CFR 1910.1200 STANDARDS

HMS HAZARD RATINGS

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

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not regulated
 HAZARD CLASS / DIVISION: None REF: Not applicable
 IDENTIFICATION NUMBER: None LABEL: NONE REQUIRED

**DYE LITE LEAK
 DETECTOR TRACER DYE**
 Bright Solutions, Incorporated
 Collant System

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) BSL 712 G		Page 1 of 2
MANUFACTURER'S NAME Bright Solutions, Incorporated	EMERGENCY TELEPHONE NUMBER CHEM • TEL (800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX) P.O. Box 33111	TELEPHONE NUMBER FOR INFORMATION (810) 641-9332 (810) 645-1086	
(CITY, STATE AND ZIP CODE) Bloomfield Hills, Michigan 48303-3111	DATE PREPARED: June 27, 1994 SUPERCEDES:	

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS#	% (OPTIONAL)	ACGIH TWA PPM	ACGIH STEL MG/M ³	SARA TITLE III	RQ LBS
Trade secret (a)				* 100		

(*) The ACGIH Threshold Limit Value (TLV) has not been established nor has OSHA established the Permissible Exposure Limit (PEL) for this product, therefore the limits described have been established as guidelines by the manufacturer.
 (a) The specific product is not identified due to "Trade Secret" status. In emergency situations further information may be obtained by the on-duty physician calling the emergency information number listed above. Reference 29 CFR 1910.1200 and / or 40 CFR 350.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: None expected, however certain individuals may be sensitized and experience minor nausea or headaches.	Remove victim to fresh air, if symptoms persist, seek medical attention.
SKIN: None expected, however, prolonged contact may cause redness, irritation and defatting. If product is absorbed through the skin, nausea, dizziness, gastric distress and vomiting may result.	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
EYES: This product is considered to be an eye irritant. Contact with the eyes will cause irritation and temporary clouding.	Flush eyes with clear running water for 15 minutes while holding eyelids open; seek medical attention.
INGESTION: May cause gastric distress, vomiting and diarrhea.	Give two glasses of water for dilution; induce vomiting by having victim place his finger down his throat; seek medical attention; never give anything by mouth to an unconscious person.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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Page 2 of 2

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SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

> 200° F

FLAMMABLE LIMITS

LEL:

UEL:

Not applicable

Not applicable

EXTINGUISHING MEDIA

CO₂; water; water fog; dry chemical; chemical foam

SPECIAL FIRE FIGHTING PROCEDURES

Self-contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. *Caution - material will support combustion!*

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat.

SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills - wash to sanitary sewer with plenty of water. Large spills - confine spill, soak up with approved absorbant, shovel product into approved container for disposal. Wash area 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. Keep this and other chemicals out of reach of children; minimize body contact with this product as well as all chemicals in general.

SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section II) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn.

VENTILATION

LOCAL EXHAUST: Not necessary

SPECIAL: None

MECHANICAL (GENERAL): Recommended

OTHER: None

PROTECTIVE GLOVES: Chemical resistant gloves required

EYE PROTECTION: Goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT

203° F

SPECIFIC GRAVITY (WATER = 1)

1.054

VAPOR PRESSURE (MM HG)

0.29 mm @20° C

VOLATILE ORGANIC COMPOUNDS (VOC'S)

Not volatile under normal conditions

VAPOR DENSITY (AIR = 1)

3.04

EVAPORATION RATE (n-BUTYL ACETATE = 1)

< 1

SOLUBILITY IN WATER

Miscible

% VOLATILE (BY WT)

Non Volatile

APPEARANCE AND ODOR

Deep amber liquid, mild characteristic odor

SECTION 9 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID:

Extreme temperatures, open flames

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Thermal decomposition may yield CO; CO₂

HAZARDOUS POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID:

None

SECTION 10 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations.

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.