

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding and Shipbreaking (29 CFR 1915, 1916, 1917)

**SECTION I**

MANUFACTURER'S NAME  ADDRESS (Number, Street, ZIP-Code, City, State)	EMERGENCY TELEPHONE NUMBER
CHEMICAL NAMES AND SYNONYMS Glycerine	TRADE NAME AND SYNONYMS JOB G 5 Thermo Bulbs
CHEMICAL FAMILY Alcohol	FORMULA C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>

**SECTION II - HAZARDOUS INGREDIENTS**

PAINTS, PRESERVATIVES & SOLVENTS	%	TLV (if any)	ALLOYS AND METALLIC COATINGS	%	TLV (if any)
PIGMENTS	0,1		BASE METAL		NA
CATALYST		NA	ALLOYS		NA
VEHICLE		NA	METALLIC COATINGS		NA
SOLVENTS		NA	FILLER METAL PLUS COATING OR CORE FLUX		NA
ADDITIVES		NA	OTHERS		NA
OTHERS		NA			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES				%	TLV (if any)
None					

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F)	554°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1,2613
VAPOR PRESSURE (mm Hg.)	NA	PERCENT, VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ =1)	NA
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR			

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used)	NA		
FLAMMABLE LIMITS	NA	Lel	Uel
EXTINGUISHING MEDIA	NA		
SPECIAL FIRE FIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	NA
EFFECTS OF OVEREXPOSURE	under normal usage this material is considered to be non-hazardous
EMERGENCY AND FIRST AID PROCEDURES	None necessary

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY <i>(Materials to avoid)</i>			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
No special precaution necessary, use sweeping compound followed by flushing water
WASTE DISPOSAL METHOD
Follow all Federal State and Local Regulations for non-hazardous waste disposal

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION <i>(Specify type)</i>	NA		
VENTILATION	LOCAL EXHAUST	None	SPECIAL      None
	MECHANICAL <i>(General)</i>	None	OTHER          NA
PROTECTIVE GLOVES	None	EYE PROTECTION	None
OTHER PROTECTIVE EQUIPMENT	None		

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	No special precaution necessary
OTHER PRECAUTIONS	May be slippery, if spilled on the floor, see section VII