

**INKTECH INTERNATIONAL CORP.**  
**160 Fenmar Drive**  
**Toronto, Ontario M9L 1M6**

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: **GLV-1030, 1080, 1090, 1110, 1120, 1130, 1290, 1330, 1390, 1490, 1520, 1530, 1540, 1560, 1570, 1580, 1590, 1620, 1630, GLV-1640, 1660, 1690, 1700, 1730, 2110, 2120, 2200, 2300, 2400, 2450, 2500, 2600, 2700, 2800, 2850, 1010NL, 1020NL, GLV-1040NL, 1050NL, 1060NL, 1140NL, 1220NL, 1240NL, 1250NL, 1300NL, 1320NL, 1340NL, GLV-1420NL, 1450NL, GLV-1480NL, 2250NL, 2350NL**

PRODUCT USE: SCREEN PRINTING INK

EMERGENCY TELEPHONE NO: (613)996-6666

### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 (SPECIFY SPECIES)
GAMMA BUTYROLACTONE	3-7	96-48-0	ORAL, RAT 1580	
ISOPHORONE	15-40	78-59-1	ORAL, RAT 2330	
PETROLEUM DISTILLATE	10-30	64742-94-5	ORAL, RAT 10	
1-METHOXY-2-PROPANOL ACETATE	5-10	108-65-6	ORAL, RAT 8532	

### SECTION III - PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOR AND APPEARANCE VARIOUS COLORS, SHARP ODOR	ODOR THRESHOLD (PPM) NOT AVAILABLE	
VAPOR PRESSURE NOT AVAILABLE	VAPOR DENSITY (Air = 1) 4.6	EVAPORATION RATE < 1	BOILING PT (°C) 145 - 220
FREEZING PT. (°C) NOT AVAILABLE	SPECIFIC GRAVITY 0.99 - 1.24	COEFFI. WATER/ OIL DIST. NOT AVAILABLE	PH NOT AVAILABLE

### SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY  
YES  NO  IF YES, UNDER WHICH CONDITION? • DIVISION 3. AVOID EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES.

MEANS OF EXTINCTION: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

FLASH PT (°C)  
57.8 (C.C.)

UPPER FLAMMABLE LIMIT  
(% By Volume) 5.28

LOWER FLAMMABLE LIMIT  
(% By Volume) 1.0

AUTOIGNITION TEMP. (°C)  
NOT AVAILABLE

HAZARDOUS COMBUSTION PRODUCTS  
CARBON DIOXIDE, CARBON MONOXIDE

EXPLOSION DATA •

SENSITIVITY TO IMPACT  
NOT AVAILABLE

SENSITIVITY TO STATIC DISCHARGE  
NOT AVAILABLE

### SECTION V - REACTIVITY DATA

CHEMICAL STABILITY  
YES  NO  IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES  
YES  NO  IF SO, WHICH ONES?

REACTIVITY, AND UNDER WHAT CONDITIONS? STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION-CARBON DIOXIDE AND MONOXIDE

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GLV-1640, 1660, 1690, 1700, 1730, 2110, 2120, 2200, 2300, 2400, 2450, 2500, 2600, 2700, 2800, 2850, 1010NL, 1020NL, GLV-1040NL, 1050NL, 1060NL, 1140NL, 1220NL, 1240NL, 1250NL, 1300NL, 1320NL, 1340NL, GLV-1420NL, 1450NL, GLV-1480NL, 2250NL, 2350NL.

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## SECTION VI - TOXICOLOGICAL PROPERTIES

### ROUTE OF ENTRY

SKIN CONTACT g SKIN ABSORPTION g EYE CONTACT g INHALATION g INGESTION g

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: SEE BELOW.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT : NONE KNOWN

### EXPOSURE LIMITS

NOT AVAILABLE

### IRRITANCY OF PRODUCT

AVOID REPEATED CONTACT WITH SKIN & EYES

### SENSITIZATION TO PRODUCTS

NONE KNOWN

### CARCINOGENICITY

NO

### TERATOGENICITY

NONE KNOWN

### REPRODUCTIVE TOXICITY

NONE KNOWN

### MUTAGENICITY

NONE KNOWN

### SYNERGISTIC PRODUCTS

NONE KNOWN

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## SECTION VII - PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT:

#### GLOVE (SPECIFY)

NEOPRENE

#### RESPIRATOR (SPECIFY)

#### EYE (SPECIFY)

CHEMICAL SPLASH GOGGLES

#### FOOTWEAR (SPECIFY)

#### CLOTHING (SPECIFY)

#### OTHERS (SPECIFY)

CHEMICAL RESISTANT APRON

### ENGINEERING CONTROLS (SPECIFY, E.G.:VENTILATION, ENCLOSED PROCESS)

LOCAL EXHAUST AND GENERAL EXHAUST AS REQUIRED

### LEAK AND SPILL PROCEDURE:

CONTAIN DISCHARGE BY CONSTRUCTING BARRIERS (E.G. SAW DUST, INDUSTRIAL SWEEPING COMPOUND).

### WASTE DISPOSAL :

DISPOSE OF WASTE ONLY ON APPROVED TREATMENT FACILITY.

### HANDLING PROCEDURES AND EQUIPMENT:

GROUND AND BOND ALL EQUIPMENT AND CONTAINERS. USE SPARK RESISTANT TOOLS. SMOKING OR EATING SHOULD NOT BE ALLOWED BEFORE WASHING HANDS.

### STORAGE EQUIPMENT:

STORE IN COOL, VENTILATED AREA. KEEP AWAY FROM HEAT, SPARKS, AND OTHER SOURCES OF IGNITION.

### SPECIAL SHIPPING INFORMATION:

REFER TO LOCAL OR FEDERAL REGULATION

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## SECTION VIII - FIRST AID MEASURES

### SPECIFIC MEASURES:

EYE: WASH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL AID.

SKIN: IMMEDIATELY WASH THE AFFECTED AREAS WITH PLENTY OF SOAP AND WATER. GET MEDICAL AID IF SYMPTOMS PERSIST. REMOVE CONTAMINATED CLOTHING.

INGESTION: GIVE TWO GLASSES OF WATER TO DRINK IF PATIENT IS CONSCIOUS. DO NOT INDUCE VOMITING. GET MEDICAL AID IMMEDIATELY.

INHALATION: MOVE PATIENT TO FRESH AIR. RESTORE BREATHING IF NECESSARY. KEEP PATIENT WARM AND QUIET AND GET MEDICAL AID.

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## SECTION IX - PREPARATION DATE OF MSDS

PREPARED BY:  
TECHNICAL DEPARTMENT

PHONE NUMBER  
(416) 743-4111

DATE:  
1/15/2008

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