

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

## MATERIAL SAFETY DATA SHEET

---

### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: **ITC -1850 INKTECH WASH # 3**

PRODUCT USE: SOLVENT WASHUP

EMERGENCY TELEPHONE NO: (613)996-6666

---

### SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS   | %     | CAS NUMBER | LD50 OF INGREDIENT<br>(SPECIFY SPECIES & ROUTE) | LC50<br>(SPECIFY SPECIES) |
|-------------------------|-------|------------|---|---------------------------|
| LIGHT AROMATIC NAPHTHA  | 40-60 | 64742-95-6 | ORAL , RAT 8400                                 | RAT 18,000                |
| GLYCOL ETHER PM ACETATE | 20-40 | 108-65-6   | ORAL , RAT 8500                                 | RAT 3500                  |
| XYLENE                  | 5-20  | 1330-20-7  | ORAL , RAT 4300                                 | RAT 5000                  |
| ETHYLBENZENE            | 1 - 5 | 100-41-4   | ORAL , RAT 3500                                 | RAT 4000                  |
| GLYCOL ETHER EP         | 5-15  | 2807-30-9  | ORAL , RAT 1770                                 | RAT 1530                  |
| N-METHYL PYRROLIDONE    | 1-10  | 872-50-4   | ORAL, RAT 3900                                  | RAT NOT KNOWN             |

---

### SECTION III - PHYSICAL DATA

|                                |  |   |                            |
|--------------------------------|--|---|----------------------------|
| PHYSICAL STATE<br>LIQUID       | ODOR AND APPEARANCE<br>SOLVENT ODOR, CLEAR COLOR | ODOR THRESHOLD (PPM)<br>NOT AVAILABLE     |                            |
| VAPOR PRESSURE<br>(mmHg) < 5   | VAPOR DENSITY<br>(Air = 1) > 3.4                 | EVAPORATION RATE<br>NOT AVAILABLE         | BOILING PT (°C)<br>146-203 |
| FREEZING PT. (°C)<br>ABOVE -90 | SPECIFIC GRAVITY<br>0.900                        | COEFFI. WATER/ OIL DIST.<br>NOT AVAILABLE | PH<br>NOT AVAILABLE        |

---

### SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY

YES • NO • IF YES, UNDER WHICH CONDITION? • COMBUSTIBLE LIQUID, AVOID ALL IGNITION SOURCES.

MEANS OF EXTINCTION: DRY CHEMICAL,FOAM, WATER FOG , PRODUCT FLOATS ON WATER

|                              |   |  |
|------------------------------|---|--|
| FLASH PT (°C)<br>46 (T.C.C.) | UPPER FLAMMABLE LIMIT<br>(% By Volume) 16 | LOWER FLAMMABLE LIMIT<br>(% By Volume) 0.6 |
|------------------------------|---|--|

|                                  |  |
|----------------------------------|--|
| AUTOIGNITION TEMP. (°C)<br>> 270 | HAZARDOUS COMBUSTION PRODUCTS<br>OXIDES OF CARBON, SMOKE |
|----------------------------------|--|

|                  |  |   |
|------------------|--|---|
| EXPLOSION DATA • | SENSITIVITY TO IMPACT<br>NOT SENSITIVE | SENSITIVITY TO STATIC DISCHARGE<br>POSSIBLY SENSITIVE |
|------------------|--|---|

---

### SECTION V - REACTIVITY DATA

CHEMICAL STABILITY

YES • NO IF NO, UNDER WHICH CONDITIONS? WILL NOT POLYMERIZE

INCOMPATIBILITY WITH OTHER SUBSTANCES

YES • NO IF SO, WHICH ONES? STRONG OXIDIZERS

REACTIVITY, AND UNDER WHAT CONDITIONS? STRONG OXIDISING AGENTS.

HAZARDOUS DECOMPOSTION PRODUCTS: MAY REACT WITH AIR OVER TIME TO FORM EXPLOSIVE PEROXIDES

---

PRODUCT NAME: : **ITC -1850 INKTECH WASH # 3**

---

## **SECTION VI - TOXICOLOGICAL PROPERTIES**

ROUTE OF ENTRY

SKIN CONTACT • SKIN ABSORPTION • EYE CONTACT • INHALATION • INGESTION •

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: REPEATED CONTACT WITH SKIN MAY CAUSE DERMATITIS.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: PROLONGED EXPOSURE MAY CAUSE SKIN CRACKING AND DERMATITIS

|                                  |  |  |                                    |
|----------------------------------|--|--|------------------------------------|
| EXPOSURE LIMITS<br>NOT AVAILABLE | IRRITANCY OF PRODUCT<br>AVOID CONTACT WITH EYES AND SKIN | SENSITIZATION TO PRODUCTS<br>NOT AVAILABLE | CARCINOGENICITY<br>NONE KNOWN      |
| TERATOGENICITY<br>NOT AVAILABLE  | REPRODUCTIVE TOXICITY<br>NONE KNOWN                      | MUTAGENICITY<br>NONE KNOWN                 | SYNERGISTIC PRODUCTS<br>NONE KNOWN |

---

## **SECTION VII - PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT:

|                             |                      |  |
|-----------------------------|----------------------|--|
| GLOVE (SPECIFY)<br>NEOPRENE | RESPIRATOR (SPECIFY) | EYE (SPECIFY)<br>CHEMICAL SPLASH GOGGLES |
|-----------------------------|----------------------|--|

|                    |  |                  |
|--------------------|--|------------------|
| FOOTWEAR (SPECIFY) | CLOTHING (SPECIFY)<br>CHEMICAL RESISTANT APRON | OTHERS (SPECIFY) |
|--------------------|--|------------------|

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. DO NOT FLUSH TO SEWER.

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

---

## **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.

---

## **SECTION IX - PREPARATION DATE OF MSDS**

PREPARED BY:  
TECHNICAL DEPARTMENT

PHONE NUMBER  
(416) 743-4111

DATE:  
1/15/2008

---