

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAMES:** Identicator Inkless Yellow Chemistry (Inkless Porta PalmPrint, Inkless Shoe Print, Pocket Print, Citation Print, ID Print Pad)  
**PRODUCT NUMBERS:** LE 23 (1007323), LE 23 C (1007325), LE 25 (1007326), LE 25 C (1007327),  
 LE 46 (1007338), LE 48 (1007343), LE 64 (1007347), LE 65 (1007349) **DATE:** July 15, 2011

**TRADE NAMES:** Inkless Porta PalmPrint, Inkless Shoe Print, Pocket Print, Citation Print, ID Print Pad  
**GENERAL USE:** Fingerprinting  
**CHEMICAL FAMILY:** Solvent-based inking Pad  
**PRODUCT DESCRIPTION:**  
 Pad containing yellow liquid with negligible odor.



**MANUFACTURER:**  
**Safariland LLC**

**DATE PREPARED:** July 15, 2011  
**SUPERSEDES:** July 18, 2008

**ADDRESS (NUMBER, STREET, P.O. BOX)**  
 13386 International Parkway

**TELEPHONE NUMBER FOR INFORMATION / Customer Service**  
**800-347-1200**

**(CITY, STATE AND ZIP CODE)** **COUNTRY**  
 Jacksonville, FL. 32218 USA

**CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER**

<b>1-800-255-3924</b>	<b>01-813-248-0585</b>
North America Toll Free	International

## SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>Ferric Chloride</b>	<b>NA</b>	<b>10025-77-1</b>	<b>Not Found</b>	<b>None</b>	<b>None</b>

**Notes:** All SARA Title III materials have been reported. All ingredients contained in this formula are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory.

## SECTION 3 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
 Note: All components are in full compliance with the Toxic Substances Control Act (TSCA) Inventory Regulations. All SARA Title III requirements have been complied with.

### POTENTIAL HEALTH EFFECTS

**INHALATION:**  
 Unlikely route of entry.

**SKIN:**  
 Possible slight to moderate irritation may occur .

**EYES:**  
 Possible slight to moderate irritation may occur .

**INGESTION:**  
 Acute exposure by ingestion has been found to cause blood, liver, kidney, and nervous system damage.

**CARCINOGENICITY:**

NTP? <b>No</b>	IARC MONOGRAPHS? <b>No</b>	OSHA REGULATED? <b>No</b>
CALIFORNIA, Prop.65? <b>No</b>	EUROPEAN CHEMICAL SUBSTANCES INFORMATION SYSTEM? <b>Yes</b>	

## SECTION 4 - FIRST AID MEASURES

**INHALATION:**  
 N/A

**EYES:**  
 Flush for at least 15 minutes with potable water, contact a physician if irritation persists.

**SKIN:**  
 Wash skin with soap and water after contact.

**INGESTION:**  
 If swallowed, do not induce vomiting. Seek immediate medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**GENERAL HAZARDS:**  
 Flash Point: >204°C (>400°F)

**EXTINGUISHING MEDIA:**  
 Materials are non-flammable. Use media suitable for surrounding fire.

**FIRE FIGHTING PROCEDURES:**  
 Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus to avoid exposure from decomposition products. Proper eye and skin protection should be used.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 Burning may produce acrid smoke and irritating fumes.

**HAZARDOUS COMBUSTION PRODUCTS:**  
 Carbon Oxides from pad materials.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
 No significant amount of material can be released. Wipe up any leakage with a paper towel and dispose of into a typical garbage receptacle.

## SECTION 7 - HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**  
 Keep away from children. Keep lid closed when product is not in use to prevent accumulation of dust and lint. Fluid is hygroscopic and corrosive to metals.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	TWA ppm	PEL mg/m3
<b>Ferric Chloride</b>	<b>NA</b>	<b>2*</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

\* - Ceiling

### PERSONAL PROTECTION

**RESPIRATORY PROTECTION:**  
 Not needed.

**PROTECTIVE GLOVES:**  
 Use gloves if needed to prevent irritation from contact with skin.

**EYE PROTECTION:**  
 Generally not needed.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**  
 None

**WORK / HYGIENIC PRACTICES:**  
 Do not smoke, eat or drink while using the product. Wash hands with soap and water before smoking, eating, drinking or using toilet facilities.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR</b> Pad containg yellow liquid with negligible odor.	<b>VAPOR PRESSURE</b> NE
<b>pH</b> NA	<b>SPECIFIC GRAVITY (WATER = 1)</b> NA
<b>BOILING POINT / BOILING RANGE</b> ND	<b>SOLUBILITY IN WATER</b> Fluid Complete, Pad Materials are Insouble
<b>FLASH POINT</b> >204°C (>400°F)	<b>VISCOSITY</b> NA
<b>FLAMMABLE LIMITS</b> LEL: NE UEL: NE	<b>VAPOR DENSITY (AIR = 1)</b> NA
<b>AUTOIGNITION TEMPERATURE</b> NE	<b>EVAPORATION RATE</b> < Butyl Acetate

## SECTION 10 - STABILITY AND REACTIVITY

<b>STABILITY</b> STABLE X	<b>CONDITIONS TO AVOID:</b> Extreme heat.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> Oxidizers and strong bases	
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b> Carbon Monoxide, carbon dioxide.	
<b>HAZARDOUS POLYMERIZATION:</b> Will not occur.	<b>CONDITIONS TO AVOID:</b> None related to polymerization.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
<b>Ferric Chloride</b>	<b>10025-77-1</b> Not Found	<b>1782 mg/kg (oral,rat)</b>	<b>NR</b>

## SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product, however it is known that organic compounds can be persistent pollutants. Do not release product in waterways or sewer systems.

## SECTION 13 - DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:**  
 Dispose of chemical materials and/or their containers in accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, as well as any other Federal, State, or local laws and regulations regarding disposal.

## SECTION 14 - TRANSPORT INFORMATION

<b>PROPER SHIPPING NAME:</b> Ferric Chloride Solution, UN2582 (Exemptions may apply - check with shipper).											
<b>DOT HAZARD CLASS / Pack Group:</b> 8 <b>REFERENCE:</b> 49CFR <b>UN / NA IDENTIFICATION NUMBER:</b> 2582 <b>LABEL:</b> Corrosive <b>HAZARD SYMBOLS:</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>IATA HAZARD CLASS / Pack Group:</b></td> <td style="width: 50%; text-align: right;"><b>8 / III</b></td> </tr> <tr> <td><b>IMDG HAZARD CLASS:</b></td> <td style="text-align: right;"><b>8 / III</b></td> </tr> <tr> <td><b>RID/ADR Dangerous Goods Code:</b></td> <td style="text-align: right;"><b>8</b></td> </tr> <tr> <td><b>UN TDG Class / Pack Group:</b></td> <td style="text-align: right;"><b>8 / III</b></td> </tr> <tr> <td><b>Hazard Identification Number (HIN):</b></td> <td style="text-align: right;"><b>80</b></td> </tr> </table>	<b>IATA HAZARD CLASS / Pack Group:</b>	<b>8 / III</b>	<b>IMDG HAZARD CLASS:</b>	<b>8 / III</b>	<b>RID/ADR Dangerous Goods Code:</b>	<b>8</b>	<b>UN TDG Class / Pack Group:</b>	<b>8 / III</b>	<b>Hazard Identification Number (HIN):</b>	<b>80</b>
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Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

## SECTION 15 - REGULATORY INFORMATION

**TSCA (USA - Toxic Substance Control Act):** All components are listed.  
**SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):**  
 Acute Health: **Yes** Chronic Health: **No**  
 Fire: **No** Sudden Release of Pressure: **No**  
 Reactive: **No**

**313 REPORTABLE INGREDIENTS:** None  
**CERCLA (USA - Comprehensive Response Compensation and Liability Act):** No  
**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:** No  
**CPR (Canadian Controlled Products Regulations):** Referenced.  
**IDL (Canadian Ingredient Disclosure List):** Listed.  
**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):** Listed on DSL.  
**EINECS (European Inventory of Existing Commercial Chemical Substances):** Referenced.

<b>WGK Water Quality Index:</b> 2		
<b>RISK PHRASES:</b>	<b>SYMBOL(S) REQUIRED FOR EU LABEL</b>	<b>SAFETY PHRASES:</b>
None.	None.	None.

## SECTION 16 - OTHER INFORMATION

**Legend:** NA=Not Available, NE= Not Established, ND= Not determined, C= Carcinogen, NTP= National Toxicology Program.

<b>HMIS HAZARD RATINGS</b>	<b>HEALTH:</b> 1 <b>FLAMMABILITY:</b> 0 <b>PHYSICAL HAZARD:</b> 0 <b>PERSONAL PROTECTIVE EQUIPMENT:</b>	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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**REVISION SUMMARY:**  
 Revised to GHS/E.U. protocols 7/15/2011 supersedes 7/18/2008 issue.LB

<b>MSDS Prepared by:</b> ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com	
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. 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. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.