



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Identicator Developer Sheets (Inkless Developer Sheets)		DATE: August 01, 2011	
PRODUCT NUMBER: DS 110 (1006573)			
TRADE NAME: Inkless Developer Sheets GENERAL USE: Developer Sheet CHEMICAL FAMILY: Inkless fingerprint system PRODUCT DESCRIPTION: Pad containing yellow powder with saffron-like odor.			
MANUFACTURER Safariland LLC		DATE PREPARED: August 01, 2011 SUPERSEDES: October 21, 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  1-800-255-3924 01-813-248-0585 North America Toll Free International	

SECTION 2 - 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, although mists may be an irritant.

SKIN:
 Possible slight to moderate redness may occur with extended daily exposure. Not classified as a primary skin irritant.

EYES:
 Possible transient irritation. Not classified as a primary irritant.

INGESTION:
 Toxicity of product has not been thoroughly investigated, but should be assumed to be moderately toxic.

CARCINOGENICITY:

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

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
8-Hydroxyquinoline Sulfate	40-50	134-31-6	205-137-1	Xn	R22

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 4 - FIRST AID MEASURES

INHALATION:
 If needed, remove victim to fresh air, and perform artificial respiration if required.

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

SKIN:
 Wash with plenty of soap and water after use.

INGESTION:
 If swallowed, do not induce vomiting. Seek immediate medical attention. Transport container with victim.

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SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Product should be considered non-flammable.

EXTINGUISHING MEDIA:
Choose fire-fighting media to fight surrounding fire.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Ignition may produce dense black smoke.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon Monoxide, Carbon Dioxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
DO NOT FLUSH TO SEWER. Always store the waste in closed containers.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Keep away from open flame or other ignition sources. Do not store above 120°F. Maintain adequate ventilation and keep from children.

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
8-Hydroxyquinoline Sulfate	NA	NA	NA	NA	NA	NA	NA	NA

* - As mist

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
Not required for normal work situations where adequate ventilation is provided. Use NIOSH European EN-149 approved self contained, positive pressure respirators for emergencies and in situations where air may be displaced by vapors. Follow OSHA Std. 29CFR 1910.134.

PROTECTIVE GLOVES:
Use gloves and full protective clothing if there is prolonged or repeated contact of liquid with skin. Solvex gloves recommended.

EYE PROTECTION:
For normal conditions wear safety glasses. Where there is reasonable probability of liquid contact, wear splash proof goggles. Contact lenses should not be worn under such conditions. If vapor exposure causes eye discomfort, use a full-face respirator.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
Safety shower and eye-wash fountain in manufacturing areas. Personal protective clothing and use of equipment must be in accordance with 29CFR 1910.132 and 29CFR 1910.133.

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. Launder contaminated clothing before re-use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Pad containing yellow powder with saffron-like odor.	VAPOR PRESSURE ND
pH NA	SPECIFIC GRAVITY (WATER = 1) NA
MELTING POINT 176.5°C (~350°F)	SOLUBILITY IN WATER Packaging is insoluble, chemical is soluble.
FLASH POINT NA	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NA
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE ND

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SECTION 10 - STABILITY AND REACTIVITY

STABILITY	STABLE X	CONDITIONS TO AVOID: Extreme heat.
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INCOMPATIBILITY (MATERIALS TO AVOID):
Strong Oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
Carbon Monoxide, Carbon Dioxide. Nitrogen oxides, Sulfur oxides.

HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.
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SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
8-Hydroxyquinoline Sulfate	134-31-6	1200 mg/kg (ORAL, RAT)	NR
	205-137-1		

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

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

PROPER SHIPPING NAME: Not Regulated.	
DOT HAZARD CLASS / Pack Group: Not Regulated.	IATA HAZARD CLASS / Pack Group: None
REFERENCE: 49CFR	IMDG HAZARD CLASS: None
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: None
LABEL: Not Regulated.	UN TDG Class / Pack Group: None
HAZARD SYMBOLS: None	Hazard Identification Number (HIN): None

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: Yes
Fire: No	Sudden Release of Pressure: No
Reactive: No	

313 REPORTABLE INGREDIENTS: **None**

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **No**

State Right to Know: **8-Hydroxyquinoline Sulfate (Bis(8-hydroxyquinolinium) sulphate hemihydrate): NJ,PA**

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.**

WGK Water Quality Index: **2**

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R22 : Harmful if swallowed.	 Xn-Harmful	S2 : Keep out of the reach of children. S36 : Wear suitable protective clothing.

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SECTION 16 - OTHER INFORMATION

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

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 0 1 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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REVISION SUMMARY:
Revised to E.U. protocols 8/1/2011 supersedes 10/21/2008 issue.LB/JTV

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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.