


MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Basic Yellow 40		DATE: August 01, 2011	
PRODUCT NUMBER: 1-0044 (100xxx)			
TRADE NAME: Basic Yellow 40 GENERAL USE: Latent Fingerprint Powder CHEMICAL FAMILY: Organic-based powder PRODUCT DESCRIPTION: Fine, yellow powder with negligible odor. MANUFACTURER: Safariland LLC 13386 International Parkway, Jacksonville, FL 32218, USA New Zealand Importer/Supplier: Aorangi Forensic Supplies Ltd Unit 4/5 Port Rd, Seaview Wellington, New Zealand Phone: +64 4 939 1527			
DATE PREPARED: August 1, 2011 SUPERSEDES: September 16, 2008 New Zealand Update August 1 2022 Emergency telephone number: New Zealand In Case of Emergency Contact: CHEMCALL: 0800 CHEMCALL (243 622) International: ChemTel Inc. +01-813-248-0585			

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
MAY CAUSE IRRITATION TO EYES AND RESPIRATORY TRACT.

POTENTIAL HEALTH EFFECTS

INHALATION:
May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

SKIN:
No adverse effects expected, but may cause mild irritation to sensitive individuals.

EYES:
May cause irritation, redness and pain if dust gets in eyes.

INGESTION:
Product is not considered highly toxic, but large doses may cause gastro-intestinal symptoms.

CARCINOGENICITY:

NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO
CALIFORNIA, Prop.65? NO		

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Basic Yellow 40	>90	NR	NR	None	None

Notes:

SECTION 4 - FIRST AID MEASURES

INHALATION:
Remove victim to fresh air. Get medical attention for any breathing difficulty.

EYES:
Flush with water for 15 minutes occasionally lifting the eyelids.

SKIN:
Wash with soap and water.

INGESTION:
If victim is alert, give water. Get medical attention if irritation or symptoms occur.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
Dust explosions may occur if dust concentrations are allowed to increase.

EXTINGUISHING MEDIA:
Use foam, alcohol foam, Carbon Dioxide, dry chemical, or water fog.

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FIRE FIGHTING PROCEDURES:
 Emergency responders should wear bunker gear and NIOSH or European EN-149 organic vapor respirators avoid exposure to decomposition products (29CFR 1910.156). Proper eye and skin protection should also be used. Fog nozzle and fine spray to prevent dusting.

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

HAZARDOUS COMBUSTION PRODUCTS:
 Combustion produces major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, Soot and minor amounts of Nitrogen oxides and Sulfur oxides.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 Vacuum, sweep, or spray with water and collect in a suitable container. Recycle large spills if possible. Use dust mask if necessary.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
 Do not store above 120°F. Keep away from oxidizing agents. Avoid the formation of dust clouds.

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	STEL ppm	PEL mg/m3
Basic Yellow 40	10 mg/m³ is recommended by ACGIH for dust concentrations.							

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
 Not required in unconfined or well ventilated areas. Use NIOSH or E.U. EN149 standard approved respirators for areas where general ventilation is not possible.

PROTECTIVE GLOVES:
 Gloves are advised for repeated or prolonged contact.

EYE PROTECTION:
 Safety glasses or splash goggles for prolonged use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
 Eye wash station in the event of eye contact with material.

WORK / HYGIENIC PRACTICES:
 Employ good, industrial hygiene practices by using adequate ventilation and personal protection, as needed. Where dust cannot be controlled, personal respiratory protection should be employed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Fine, yellow powder with negligible odor.	VAPOR PRESSURE NE
pH NA	SPECIFIC GRAVITY (WATER = 1) NE
MELTING POINT NE	SOLUBILITY IN WATER 100g in 1000 ml
FLASH POINT NE	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NE
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) NE

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Excessive heat, dusty conditions.
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INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers such as perchlorates, bromates, and nitrates, Hydrofluoric Acid.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, Soot and minor amounts of Nitrogen and Sulfur oxides.			
HAZARDOUS POLYMERIZATION: Will not occur.		CONDITIONS TO AVOID: None related to polymerization.	
SECTION 11 - TOXICOLOGICAL INFORMATION			
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Basic Yellow 40	NR NR	NR	NR
SECTION 12 - ECOLOGICAL INFORMATION			
No ecological information is available for this product.			

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SECTION 13 - DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL METHOD: Dispose of product waste as well as containers in accordance with all local, state and federal regulations.	

SECTION 14 - TRANSPORT INFORMATION	
PROPER SHIPPING NAME: Not regulated for transport.	
DOT HAZARD CLASS / Pack Group: Not regulated for transport.	IATA HAZARD CLASS / Pack Group: Not regulated
REFERENCE: UN / NA IDENTIFICATION NUMBER: Not regulated for transport.	IMDG HAZARD CLASS: Not regulated RID/ADR Dangerous Goods Code: Not regulated
LABEL: None HAZARD SYMBOLS: None	UN TDG Class / Pack Group: Not regulated 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): Yes	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): No	
Acute Health: Yes	Chronic Health: Yes
Fire: No	Sudden Release of Pressure: No
Reactive: No	
313 REPORTABLE INGREDIENTS: No	
CERCLA (USA - Comprehensive Response Compensation and Liability Act): Not listed.	
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: Not listed. State	
Right to Know: Basic Yellow 40: NJ,PA.	
CPR (Canadian Controlled Products Regulations): Not listed.	
IDL (Canadian Ingredient Disclosure List): Listed.	
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Components listed on DSL. EINECS	
(European Inventory of Existing Commercial Chemical Substances): Referenced.	
WGK Water Quality Index: 1	

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
None listed	None listed	None listed

SECTION 16 - OTHER INFORMATION	
Legend: NA = Not Applicable, NE = Not Established, ND = Not Determined, NR = Not Reported.	

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HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 1 0 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 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.