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| ***SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION*** | | | | | | |
| **PRODUCT NAME: Basic Yellow 40**  **PRODUCT NUMBER: 1-0044 (100xxx**  **DATE: August 01, 2011 New Zealand Update August 1 2022** | | | | | | |
| 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. | | | | | | |
| 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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| **PRODUCT NAME: Basic Yellow 40**  **PRODUCT NUMBER: 1-0044 (100xxx) DATE: August 01, 2011** | | | | | | | | |
| ***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.** | | | | | |
| 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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| **PRODUCT NAME: Basic Yellow 40**  **PRODUCT NUMBER: 1-0044 (100xxx) DATE: August 01, 2011** | | | | | | |
| ***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.**  REFERENCE:  UN / NA IDENTIFICATION NUMBER: **Not regulated for transport.**  LABEL: **None**  HAZARD SYMBOLS: **None** | | | IATA HAZARD CLASS / Pack Group: **Not regulated**  IMDG HAZARD CLASS: **Not regulated**  RID/ADR Dangerous Goods Code: **Not regulated**  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. | | | | | | |
| HMIS HAZARD RATINGS | | HEALTH:  FLAMMABILITY:  PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT: | | | **1**  **1**  **0**  **B** | 1. = INSIGNIFICANT 2. = SLIGHT 3. = MODERATE 4. = HIGH 5. = EXTREME |
| REVISION SUMMARY:  Revised to E.U. protocols 8/1//2011 JTV. | | | | | | |
| **MSDS Prepared by:**  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 | | | |  | | |
| 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. | | | | | | |