Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

24 HOUR EMERGENCY NUMBER: (519) 337-1907 BAYER INC.; (613) 996-6666 CANUTEC.

PRODUCT NAME: CP-297B UNIVERSAL DEVELOPER

PRODUCT USE: PHOTOGRAPHIC MATERIAL.

CHEMICAL FAMILY: AQUEOUS ALKALINE SOLUTION.

MATERIAL USE: PHOTOGRAPHIC DEVELOPER MIXTURE.

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>% Exposure Levels</th>
<th>C.A.S.#</th>
<th>LD/50, Route,Species</th>
<th>LC/50 Route,Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROQUINONE</td>
<td>1-5</td>
<td>2 MG/M3</td>
<td>123-31-9</td>
<td>320 MG/KG ORAL RAT &gt; NOT AVAILABLE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA/ACGIH</td>
<td>1000 MG/KG DERMAL RABBIT</td>
<td></td>
</tr>
<tr>
<td>SODIUM SULPHITE</td>
<td>5-10</td>
<td>NOT AVAILABLE</td>
<td>7757-83-7</td>
<td>2825 mg/kg (RABBIT) NOT AVAILABLE</td>
</tr>
<tr>
<td>SODIUM THIOSULPHATE</td>
<td>1-5</td>
<td>NOT AVAILABLE</td>
<td>7772-98-7</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>METHYLAMINOETHANOL</td>
<td>1-5</td>
<td>NOT AVAILABLE</td>
<td>109-83-1</td>
<td>2340 MG/KG ORAL, RAT NOT AVAILABLE</td>
</tr>
</tbody>
</table>

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY: Inhalation. Eye contact. Skin contact. Ingestion.
SKIN CONTACT: May cause skin irritation. May cause sensitization by skin contact.
SKIN ABSORPTION: Not available.
INHALATION (ACUTE): Inhalation of mist can cause respiratory irritation. May cause coughing, runny nose & sore throat. May cause allergic respiratory reaction in sensitive individuals.
INGESTION: May cause irritation of the mucous membranes. Can result in irritation in the digestive tract.
EYE CONTACT: May cause eye irritation. Can cause tearing, reddening and swelling.
EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated exposure may result in skin sensitization.

Section 04: FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.
SKIN CONTACT: Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention.
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
INGESTION: Give 1 to 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Immediately call a physician.
ADDITIONAL INFORMATION: Get in contact with your local poison control centre.
PRODUCT: CP-297B UNIVERSAL DEVELOPER

Section 05: FIRE FIGHTING MEASURES

FLASH POINT (deg C), METHOD.............................. NOT APPLICABLE.
AUTO IGNITION TEMPERATURE (deg C)............... NOT APPLICABLE.
UPPER FLAMMABLE LIMIT (% VOL)...................... NOT AVAILABLE.
LOWER FLAMMABLE LIMIT (% VOL)....................... NOT AVAILABLE.
EXTINGUISHING MEDIA................................. USE EXTINGUISHING MEDIA FOR SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES.............. FIREFIGHTER SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE.
HAZARDOUS COMBUSTION PRODUCTS............. OXIDES OF SULPHUR.
SENSITIVITY TO MECHANICAL IMPACT......... NOT APPLICABLE.
SENSITIVITY TO STATIC DISCHARGE.............. NOT APPLICABLE.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL......................................................... UTILIZE RECOMMENDED PROTECTIVE CLOTHING. DIKE AREA TO PREVENT SPREADING. PREVENT RUNOFF INTO DRAINS, SEWERS, AND OTHER WATERWAYS. ABSORB WITH INERT MATERIAL. SPILL MAY BE NEUTRALIZED WITH POWDERED CITRIC ACID. SPILLED MATERIAL AND WATER RINSES ARE CLASSIFIED AS CHEMICAL WASTE, AND MUST BE DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS.

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES.............................. HANDLE AWAY FROM ACIDS AND OXIDIZERS. USE ADEQUATE VENTILATION. AVOID SKIN AND EYE CONTACT. HANDLE AWAY FROM ACIDS AND OXIDIZERS. AVOID SMOKING, DRINKING OR EATING IN USE.
STORAGE NEEDS................................................. (MIN/MAX: 4/26 C). IDEAL STORAGE TEMPERATURE: 20 C. KEEP FROM FREEZING. STORE IN A WELL VENTILATED AREA. STORE IN TIGHTLY SEALED CONTAINER AND PROTECT FROM MOISTURE AND FOREIGN MATERIALS. STORE AWAY FROM ACIDS. KEEP AWAY FROM CHILDREN. OBSERVE NORMAL PRECAUTIONS WHEN USING PHOTOCHEMICALS.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT.............................. CHEMICAL SAFETY GOGGLES. OR. SAFETY GLASSES WITH SIDE-SHIELDS.
EYE/TYP......................... CHEMICAL RESISTANT GLOVES. NEOPRENE. OR. RUBBER GLOVES. PRACTICE GOOD HYGIENE, WASH THOROUGHLY BEFORE HANDLING ANY FOOD.
RESPIRATORY/TYP...................(NONE REQUIRED UNDER NORMAL USE).
GLOVES/ TYP.............. CHEMICAL RESISTANT GLOVES. NEOPRENE. OR. RUBBER GLOVES. PRACTICE GOOD HYGIENE, WASH THOROUGHLY BEFORE HANDLING ANY FOOD.
CLOTHING/TYP.............................. WEAR ADEQUATE PROTECTIVE CLOTHES. WEAR AN APRON AND/OR AN OVERALL.
FOOTWEAR/TYP.............................. NOT APPLICABLE.
OTHER/TYP.............................. EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. EYEWASH FOUNTAIN.
VENTILATION REQUIREMENTS................. VENTILATE ADEQUATELY. LOCAL EXHAUST AT POINTS OF EMISSION. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR WHEN CONTAMINANT LEVELS EXCEED THE RECOMMENDED EXPOSURE LIMITS.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE................................. LIQUID.
ODOUR........................................ SLIGHT.
COLOUR......................................... COLOURLESS.
SPECIFIC GRAVITY.................... 1.07.
ODOUR THRESHOLD (ppm).............. NOT AVAILABLE.
VAPOUR PRESSURE (mm Hg).............. NOT APPLICABLE.
VAPOUR DENSITY (AIR=1).............. NOT AVAILABLE.
EVAPORATION RATE................... NOT AVAILABLE.
BOILING POINT (deg C).................. > 100.
pH............................................ 10.9.
SOLUBILITY IN WATER (% W/W)......... SOLUBLE.
PRODUCT: CP-297B UNIVERSAL DEVELOPER

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

COEFFICIENT OF WATER/OIL DISTRIBUTION NOT AVAILABLE.
FREEZING POINT (deg C).................................

Section 10: STABILITY AND REACTIVITY

INCOMPATIBILITY........................................ STRONG ACIDS. OXIDIZING AGENTS.
REACTIVITY CONDITIONS................................ PRODUCT IS STABLE; HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS PRODUCTS OF DECOMPOSITION BY FIRE.: OXIDES OF SULFUR. CARBON MONOXIDE, CARBON DIOXIDE. AND. OTHER POTENTIALLY TOXIC FUMES.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY (LD50)........................ SEE HAZARDOUS INGREDIENTS IN SECTION 2.
IRRITANCY OF MATERIAL............................... REFER TO ROUTE OF ENTRY.
SENSITIZING CAPABILITY OF MATERIAL........ MAY CAUSE SENSITIZATION BY SKIN CONTACT. SULPHITE SENSITIVE INDIVIDUALS MAY EXPERIENCE AN ALLERGIC REACTION.
CARCINOGENICITY OF MATERIAL.................. ALTHOUGH RESPONSES HAVE NOT BEEN CONSISTENT ACROSS ROUTES OF EXPOSURES, SPECIES, OR SEX, SOME ANIMAL STUDIES SUGGEST THAT HYDROQUINONE IS WEAKLY TUMORIGENIC FOR RODENTS FOLLOWING THE ADMINISTRATION OF HIGH ORAL DOSES. IN CONTRAST, LONG-TERM EPIDEMIOLOGICAL STUDIES OF EMPLOYEES ENGAGED IN THE MANUFACTURING AND USE OF HYDROQUINONE HAVE SHOWN NO EVIDENCE OF INCREASED CANCER RISK FROM EXPOSURE TO HYDRO-QUINONE. THIS PRODUCT IS NOT LISTED BY NTP, IARC, OR NIOSH OR REGULATED AS A CARCINOGEN BY OSHA.
TERATOGENICITY....................................... NOT AVAILABLE.
MUTAGENICITY.......................................... NOT AVAILABLE.
REPRODUCTIVE EFFECTS........................... NOT AVAILABLE.
NOTE:.................................................. PERSONS WITH PREEXISTING EYE, SKIN OR RESPIRATORY TRACT DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

Section 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL........................................ NOT AVAILABLE.
BIODEGRADABILITY.................................... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL....................................... SPILLED MATERIAL AND WATER RINSES ARE CLASSIFIED AS CHEMICAL WASTE AND MUST BE DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORT INFORMATION

TDG CLASSIFICATION.................................. NON REGULATED.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION................................ CONTROLLED. D1B. D2B. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS.

Section 16: OTHER INFORMATION

NOTE:.................................................. THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IT IS ACCURATE TO THE BEST KNOWLEDGE OF BAYER INC. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. BAYER INC. ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THESE DATA.

TELEPHONE NUMBER:................................. (416) 241-1110 EXT. 4058.
PREPARED BY: ....................................... HEALTH, ENVIRONMENT & SAFETY DEPARTMENT
Section 16: OTHER INFORMATION

PREPARATION DATE: ................................. Mar04/04