

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER → SPRAY 2000		PRODUCT IDENTIFICATION NUMBER (PIN) SPRAY 2000	
PRODUCT USE → Spray 2000 is a special spray cleaner for the roller assemblies (transfer roller/racks) in automatic X-ray developers, e.g. A/T 2000, A/T 2000 PLUS or PERI-PRO.			
MANUFACTURER'S NAME Air Techniques, Inc.		SUPPLIER'S NAME Air Techniques, Inc.	
STREET ADDRESS 70 Cantigue Rock Road		STREET ADDRESS 70 Cantigue Rock Road	
CITY Hicksville	PROVINCE NY	CITY Hicksville	PROVINCE NY
POSTAL CODE USA - 11801	EMERGENCY TELEPHONE NO. USA/516/433-7676	POSTAL CODE USA - 11801	EMERGENCY TELEPHONE NO. USA/516/433-7676

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Sodium hydroxide	< 1	1310-73-2	40 mg/kg (mouse, oral)	N/A

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE liquid	ODOUR AND APPEARANCE clear colourless and odourless liquid			ODOUR THRESHOLD (ppm) N/A
VAPOUR PRESSURE (mm Hg) like water	VAPOUR DENSITY (AIR = 1) like water	EVAPORATION RATE like water	BOILING POINT (° C) approx. 100 °C	FREEZING POINT (° C) approx. 0 °C
pH 11.8	SPECIFIC GRAVITY 1.0 g/cm ³	COEFF. WATER/OIL DIST. N/A		

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY
 YES NO IF YES, UNDER WHICH CONDITIONS ? →

MEANS OF EXTINCTION
 No fire or explosion hazards come from the product itself.
 Fire-fighters should wear self-contained breathing apparatus.

FLASHPOINT (° C) AND METHOD none	UPPER FLAMMABLE LIMIT (% BY VOLUME) -	LOWER FLAMMABLE LIMIT (% BY VOLUME) -
AUTOIGNITION TEMPERATURE (° C) N/A	HAZARDOUS COMBUSTION PRODUCTS -	

EXPLOSION DATA →	SENSITIVITY TO IMPACT N/A	SENSITIVITY TO STATIC DISCHARGE -
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SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY
 YES NO IF YES, UNDER WHICH CONDITIONS ? →

INCOMPATIBILITY WITH OTHER SUBSTANCES
 YES NO IF SO, WHICH ONES ? → Acid products

REACTIVITY, AND UNDER WHAT CONDITIONS
 -

HAZARDOUS DECOMPOSITION PRODUCTS
 -

PRODUCT IDENTIFIER → **SPRAY 2000**

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Inhalation: May cause irritation to mucous membranes and respiratory tract.
 Skin contact: May cause irritation.
 Eye contact: May cause irritation.
 Ingestion: May be harmful if swallowed.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

N/A

EXPOSURE LIMITS not known	IRRITANCY OF PRODUCT Skin and eye contact	SENSITIZATION TO PRODUCT none	CARCINOGENICITY none
TERATOGENICITY N/A	REPRODUCTIVE TOXICITY none	MUTAGENICITY N/A	SYNERGISTIC PRODUCTS N/A

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) -	RESPIRATOR (SPECIFY) -	EYE (SPECIFY) -
FOOTWEAR (SPECIFY) -	CLOTHING (SPECIFY) -	OTHER (SPECIFY) -

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)

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LEAK AND SPILL PROCEDUR

Dilute with plenty of water and flush down sewer.

WASTE DISPOSAL

No specific methods are necessary.

HANDLING PROCEDURES AND EQUIPMENT

Avoid contact with eyes or skin and inhalation.

STORAGE REQUIREMENTS

Product to be cold-stored, however, not below 5 °C.

SPECIAL SHIPPING INFORMATION

According to the valid transportation classification: No dangerous cargo.

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES

Inhalation: Remove victim to fresh air. No special measures required.
 Skin contact: Rinse with copious amounts of water.
 Eye contact: Flush with large amounts of water and consult a physician.
 Ingestion: Let person concerned drink 500 mL of water immediately and consult a physician.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) FILM PROCESSOR DEPARTMENT	PHONE NUMBER USA/516/433-7676	DATE 2000-05-08
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