

FEB 6 2002

# Material Safety Data Sheet

**ACTIVATOR**  
(Hydrogen Peroxide Solution)

**QUICK IDENTIFIER**

Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements

## SECTION 1 -

Manufacturer's

Name: AUTOTYPE AMERICAS INC.

Address: 2050 HAMMOND DRIVE,

Emergency Telephone No: CHEMTREC:- 1-800-424-9300  
Autotype UK:- 011 44 1235 770063

City, State, and ZIP: SCHAUMBURG, ILLINOIS, 60173-3810, U.S.A

Other Information Calls: Autotype UK:- 011 44 1235 771111  
Autotype USA:- 1-847-303-5900

Signature of Person Responsible for Preparation (Optional)

Date Prepared: April 2001

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No
Hydrogen Peroxide LD <sub>50</sub> 4060mg/kg Skin - rat			1	6	7722841
(H <sub>2</sub> O <sub>2</sub> gas)					

NOT REPORTABLE UNDER SARA TITLE III S.313 40 CFR 372.65

CONTAINS NO VOLATILE ORGANIC COMPOUNDS OR PHOTOCHEMICALLY ACTIVE SOLVENTS

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity (H <sub>2</sub> O=1)	1.0	Vapor Pressure (mm Hg)	As water
Vapor Density (Air = 1)		As water			
Solubility in Water	Complete	Reactivity in Water	Oxidising		
Appearance and Odor	Colourless liquid (water)	Melting Point	N/A		

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Method Used	N/A	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-ignition Temperature	N/A	Extinguisher Media	N/A					
Special Fire Fighting Procedures	N/A							
Unusual Fire and Explosion Hazards	Oxidiser - Contact with combustible material will assist combustion.							

HMIS RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	1B

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) Activator/Hydrogen Peroxide**

Stability	Unstable ✓ Stable	Conditions to Avoid	Heat
Incompatibility (Materials to Avoid)	Reducing agents, organics		
Hazardous Decomposition Products	Oxygen		
Hazardous Polymerization	May occur ✓ Will not occur	Conditions to Avoid	N/A

**SECTION 6 - HEALTH HAZARDS**

1. Acute	Irritating to skin / eyes.	Harmful by ingestion.	2. Chronic	No data
Signs and Symptoms of Exposure	Skin burns/irritation.			
	Ingestion - Stomach distension, nausea, vomiting, bleeding.			
Medical Conditions Generally Aggravated by Exposure	Skin sensitivity			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No ✓	IARC Monographs	Yes No ✓
			OSHA	Yes No ✓
Emergency and First Aid Procedures	See below			
<b>ROUTES OF ENTRY</b>	1. Inhalation	N/A		
	2. Eyes	Irrigate with clean water for 15 minutes.		
	3. Skin	Wash thoroughly with soap and water.		
	4. Ingestion	Dilute with water - get urgent medical attention.		

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage	Keep in cool dry conditions in original containers.
Other Precautions	Keep away from children and foodstuffs.
Steps to be Taken in Case Material is Released or Spilled	Flush to waste with extensive dilution.
Waste Disposal Methods (Consult federal, state and local regulations)	Disposal by authorised chemical disposal.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type)	N/A			
Ventilation ✓	Local Exhaust	N/A	Mechanical (General) ✓	Special
				N/A
Protective Gloves	Rubber/PVC		Eye Protection	Goggles
Other protective Clothing or equipment	Overalls			
Work/Hygiene Practices	Refer to Data Sheet			

**IMPORTANT**

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.