

Material Safety Data Sheet

QUICKSILVER DEVELOPER
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

City, State, and ZIP: SCHAUMBURG, ILLINOIS, 60173-3810 USA

Signature of Person Responsible for Preparation (Optional):

Date Prepared: April 2001

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

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No
Sodium sulphite LD ₅₀ 2825mg/kg Oral rabbit	N/A	N/A	N/A	5	7757837
*Hydroquinone LD ₅₀ 320mg/kg Oral rat (in aqueous solution)	N/A	2mg/m ³	N/A	5-15	123319
		(as powder)			
Diethyl ethanolamine LD ₅₀ 1300mg/kg Oral rat	N/A	N/A	N/A	1-5	100-37-8
Sodium Phosphate LD ₅₀ 7400mg/kg Oral rat	N/A	N/A	N/A	1-5	7601-54-9

SARA TITLE III (U.S.A.)

*N.B. THIS SUBSTANCE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EP & CRTK ACT 1986

CONTAINS NO VOLATILE ORGANIC COMPOUNDS OR PHOTOCHEMICALLY ACTIVE SOLVENTS.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 100°C

Specific Gravity (H₂O=1): 1.080

Vapor Pressure (mm (Hg)): N/A

Vapor Density (Air = 1): ca. 0.6

Solubility in Water: Total

Reactivity in Water: Stable

pH: 11.9

Appearance and Odor: Clear, aqueous solution

Melting Point: N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: N/A

Method Used: N/A

Flammable Limits in Air % by Volume: N/A

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: N/A

HMIS RATING	
HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	2C

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) Quicksilver Developer p.2

Stability	Unstable ✓ Stable	Conditions to Avoid	Heat
Incompatibility (Materials to Avoid)	Oxidising agents, acids, alkalis, chlorine & bleach type cleaners.		
Hazardous Decomposition Products	N/A		
Hazardous Polymerization	May occur ✓ Will not occur	Conditions to Avoid	N/A

SECTION 6 - HEALTH HAZARDS

1. Acute	Causes burns - corrosive.		2. Chronic	Dermatitis, dizziness, nausea.	
Signs and Symptoms of Exposure	Irritation, burns. Toxic by ingestion.				
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	Wash contact areas immediately with water.				

ROUTES OF ENTRY



1. Inhalation	N/A
2. Eyes	Irritation. Irrigate 15 minutes.
3. Skin	Irritation. Wash thoroughly with soap and water.
4. Ingestion	Nausea. Get urgent medical advice.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Keep in sealed containers as provided, in cool dry place.
Other Precautions	Keep away from children.
Steps to be Taken in Case Material is Released or Spilled	Flush with large quantities of water. Check local regulations.
Waste Disposal Methods (Consult federal, state and local regulations)	Use absorbant material and containerise for authorised chemical disposal.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	N/A				
Ventilation ✓	Local Exhaust	N/A	Mechanical (General) ✓	Special	Other
				N/A	N/A
Protective Gloves	Rubber		Eye Protection	Goggles	
Other protective Clothing or equipment	Rubber apron for large quantities.				
Work/Hygienic Practices	Avoid using in unventilated room. Keep away from children.				

IMPORTANT

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